

RG 104, 8KRA-104-84-041
Box 1

Letterpress Copies of Letters Sent by the
Superintendent, 1899-1905. Letters Sent by the
Superintendent of Construction Regarding the
Construction of the New Denver Mint,
1897-1905.

MANN'S **PARCHMENT COPYING PAPER.**

(TRADE-MARK REGISTERED.)

This Parchment Paper is **MUCH STRONGER** and shows a **CLEARER COPY** than any other ever made for the purpose. The Ink is **LESS LIABLE TO SPREAD** and the paper can be written upon with a pen.

DIRECTIONS FOR COPYING.

Place a piece of blotting-board under the leaf of Copying Paper; then, with brush, wet the leaf. Take off surplus water with another sheet of blotting-paper; then place the written letter on the leaf, (leaving the blotting-paper under the leaf, to take up any excess of water that may yet remain;) place it in the press, and, in ten or fifteen seconds, a perfect copy will be secured.

The leaves **WILL DRY AS SMOOTH AS SILK**, if the book is placed in the Press after Copying.

~~42~~ Place oil-sheets between copies just made, to prevent blending or setting-off.

Another Process, when many Letters are to be Copied.

Procure a tin or iron box, with lid, to hold 20 blotting-pads.—(Boxes furnished, if desired.)

Dip half the lot of blotters in water; let them drain off a few moments; then place a dry blotter between each wet one; give them a few minutes' squeeze in Press and they will remain wet for three days; then take an oil-sheet; place it to the left; then lay a wet blotter; then turn leaf of Copying over on blotter; then lay your letter on; then another oil-sheet, and so on; and you can copy all your letters at one time; thereby saving time. With a little care and experience, at first, as to wetting, you will be so well pleased, as never to resume the old way.

HILL'S BLOTTER BATHS are the best adapted for use in this Process.

To copy **TYPE-WRITTEN LETTERS**, the leaves require **MORE MOISTURE** than they do to Copy Letters written with **PEN AND INK**.

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Letters to the Supervising Architect.

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" " backing behind marble columns of windows.	15
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" " appointment of foreman of construction	20
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Supervising Architect

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Letters to Supervising Architect.

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 Relative to corner finials
 " " size of opening for hot air flue between cols 10 + 11
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 Have received copy of letter to contractor regarding progress of work.
 " asked contractor to send guarantee for durability of finials
 " received letter authorizing taking of bids for partitions in Weather Bureau
 " " " regarding construction of flue between cols. 10 + 11
 Reporting progress of work (July 31 '1900)
 Have requested contractor to state time of delivery, etc of Maine granite
 Reporting progress of work (Aug 8 '1900)
 Forwarding bids for partitions in Weather Bureau
 Information desired rel. to construction of partitions, first floor.
 Relative to A. A. Packard's report
 " " shipment of Maine granite, etc.
 Forwarding Guarantee of finials
 Reporting progress of work (Aug 15 '1900)
 Relative to proposition from contractor - modifications in J. C. work.
 " time of shipping Maine granite
 Reporting progress of work (Aug. 23 '1900)
 Forwarding proposal from contractor - modifications in J. C. work
 Relative to rejection of bids for partitions in Post Office
 Sample of Maine granite not received
 Reporting progress of work (Aug. 31. 1900)
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 Relative to date of shipment of Maine granite
 " " broken piece of Egg + Dart
 Reporting progress of work (Sept. 8, 1900)
 Sample of Maine granite received
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 Reporting progress of work (Sept. 15 '1900)

145 B
 146 C
 148 D
 153 E
 157 F
 159 G
 161 H
 162 J
 163 K
 165 L
 169 M
 171 N
 172 O
 174 P
 176 Q
 182 R
 185 S
 187 T
 191 V
 192 W
 194 X
 197 Y
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Supervising Architect.

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Relative to action of city plumbing inspector, etc.	318
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This is a list of the names of the persons who have been appointed to the various offices of the Post Office at New York, for the year 1840. The names are arranged in alphabetical order, and are given in full, with the names of the persons who have been appointed to the various offices of the Post Office at New York, for the year 1840.

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testing	265
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for service	271
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of material	277
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Supervising Architect.

Relative to Maine granite received	329	
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" " omission of certain work, storage of material etc.	361	
" " progress of work to Dec. 31, 1900.	363	O
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" " " " " " 23, "	370	R
" " " " " " 31, "	373	
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" " " " a certain broken stone for cornice	394	X
Reporting progress of work to Feb. 23, 1901.	396	
" " " " " " 28, 1901.	399	Y
" " " " " " March 8, 1901	402	Z

Supervising Architect.

Forwarding proposal for bolting wood work to channel back of roof gutters	404
" sample of water	405
Reporting progress of work to March 15. 1901.	408
Acknowledging receipt of plan for approaches, etc.	410
Forwarding newspaper clipping regarding court decision rel. to plumbing	411
Returning approach plan with grade elevations marked	412
Reporting progress of work to March 23. 1901.	417
Forwarding analysis of Denver water, circular for purifying, etc.	418
Regarding completion of McIntyre's contract	420
Requesting information rel. to jointing copperwork of skylight turret	423
Reporting progress of work to March 30. 1901.	427
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Regarding testing of T. C. floor arches, etc.	432
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Forwarding sample of water	438
Will obtain proposal for raising flashing around skylight turret	439
Sketch showing arrangement of copper work skylight lenses acknowledged	441
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Reporting as to artesian or surface wells at Mint building	449
Will obtain proposal from contractor for shortage of flag pole.	459
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Forwarding samples of T. C. showing efflorescence	469
Recommending appointment of additional watchmen	471
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Acceptance of proposal for short flag pole acknowledged.	474

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Supervising Architect.

Relative to request of Standard Granite Co to use defective blocks condemned.

Do not know Rocky Mountain plaster, etc. - Telegram.

Reporting progress of work to April 30. 1901.

Forwarding letters from contractor rel. to action of Standard Granite Co.,

Forwarding specification for storm doors & repairs to roof at P. O. Denver.

Forwarding sketches for fireproofing girders

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Chief Executive Officer.

Forwarding photos of mint.
 Acknowledging receipt of check for traveling expenses, Pueblo.
 Requesting authority to take photos
 " " to repair plumbing in temporary office
 " " " take photos
 " " " purchase coal
 " " " to pay water rent,
 " " " take photos.
 Relative to suite of George P. Thurnacker vs. J. A. McIntyre.
 Requesting authority to purchase 2 tons of coal
 " " " take photos
 " " " purchase 2 tons of coal and 10 gals of oil
 " " " " book case with shelves.
 " " " take photos
 " " " pay water rent & buy oil

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Bugby & Co F.P. 176

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Bagley & Co, F.P. 176.

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Custodian, U. S. P. O. Denver. 8.

Chief Quartermaster 186.

City Plumbing Inspector 283, 296, 311.

Collier, Joseph 285.

Cramer, C. F. 406.

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Denver Onyx + Marble Co. 275.

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General Management 1921.
P. 200.

1. The following report is a summary of the
work done during the year 1921.
The work has been done in the following
order:

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Evans. Margaret P. 212.

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Gilman, F. H. 152.

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Hemenway, C. F. 272, 279,

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Hemenway. C.F. 272, 273.

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Letters to J. A. McIntyre.

No change will be made in basement partitions	19	
Regarding details for manhole covers.	23	
" deduction for change in roof tile	27	
Department has accepted proposition to change roof tile		
Regarding cutting of beads on columns	90	
Forwarding drawing for manhole covers.	34	
Have forwarded proposition to change roof tile	36.	
Department considers it inadvisable to change cornice	42	
Regarding cutting of beads on marble columns	90	
Regarding sketches for fire proofing	106	
" omission of hot air flue	113	
" chimney & vent stacks, no objection to cutting as suggested	123	
Proposition for substitution of Platte Canon granite desired at once	125	
" " omission of hot air flue between cols. 10 & 11	127	
Regarding material for hot air flue on premises & manufactured	136	
Letter regarding omission of hot air flue forwarded to J. A.	141	
Guarantee for wear & durability of finials desired	160	M
Regarding construction of hot air flue between cols 10 & 11	164	N
" delivery and condition of Maine granite	168	
" " of Maine granite	183	O
Acknowledging receipt of guarantee of finials	184	P
Supervising Architect desires to make change in J. C. work.	190	
Have received letter proposing omission of certain J. C. "	196	Q
Stating amount of Platte Canon granite in place	209	R
Rejected marble, roofing tile, etc must be removed from site	214	
Relative to testing terra cotta work	255	S
" " substituting expansion for anchor bolts.	262	T
" " " " " " "	270	V
" " omission and alteration of certain work.	281	
" " jointing of granite work.	286	W
" " proposal to omit work on chimney, etc.	294	X
" " " point granite work.	295	
" " rejection of Maine granite	298	Y
" " changes in galvanized iron flue linings	302	

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" " " omission of terra cotta partitions, granite steps, etc	322
Have forwarded proposal for changes in gal. iron flue linings to Supervising Architect	325
Requesting proposal for changing mortar for pointing granite work.	328
Relative to refusal to make deduction for omission of certain J. C. work, etc.	333
Have forwarded proposal (\$20) for change in mortar for pointing to Supervising Architect.	337
" " " for omission for granite steps, etc " " "	345
Relative to storage of material for work omitted, etc.	362
Forwarding Robert's report on finish of Maine Granite	374
Demanding that work begin to finish Main granite	381
In reference to discrepancy between paneling & soffits of cornice stones when set.	401
Proposal for bolting wood fillers to channel back of roof gutters sent to S. A.	403
When will all work under contract be completed	421
Relative to jointing copperwork of skylight louvers.	422
Acknowledg. receipt of proposal for additional copperwork deck roof covering, etc.	425
" " " letter stating time for completion of all work.	426
Amount of Platte Canon used in building	436
Forwarding tracing showing additional copperwork on skylight, etc.	440
Relative to jointing copperwork around skylight louvers	442
" " willingness to perform copperwork around skylight turret as per sketch.	446
Have forwarded proposal for additional copperwork, skylight, to Supervising Architect	447
Want proposal for permission to use flag pole 2' shorter than specified	460
Have forwarded proposal for " " " " " " " " " "	465
" " copy of letter to Standard Granite Co. to Supervising Architect	484
Regarding testing J. C. floor arches and sketches showing fireproofing of girders	486
Have forwarded sketches showing fireproofing of girders to Supervising Architect.	491

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Mitchell, J. H. 289. 371. 415.
Morton, W. H. 443.

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Postmaster General 392

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Roberts, J.W. 309.

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Strait, L. V. B. 119.
Simmons, Geo. 143.
Secretary, Assistant 220
Shoemaker, Capt. C. F. 490.

Taylor, H. A. 220. 288. 356. 379. 391.

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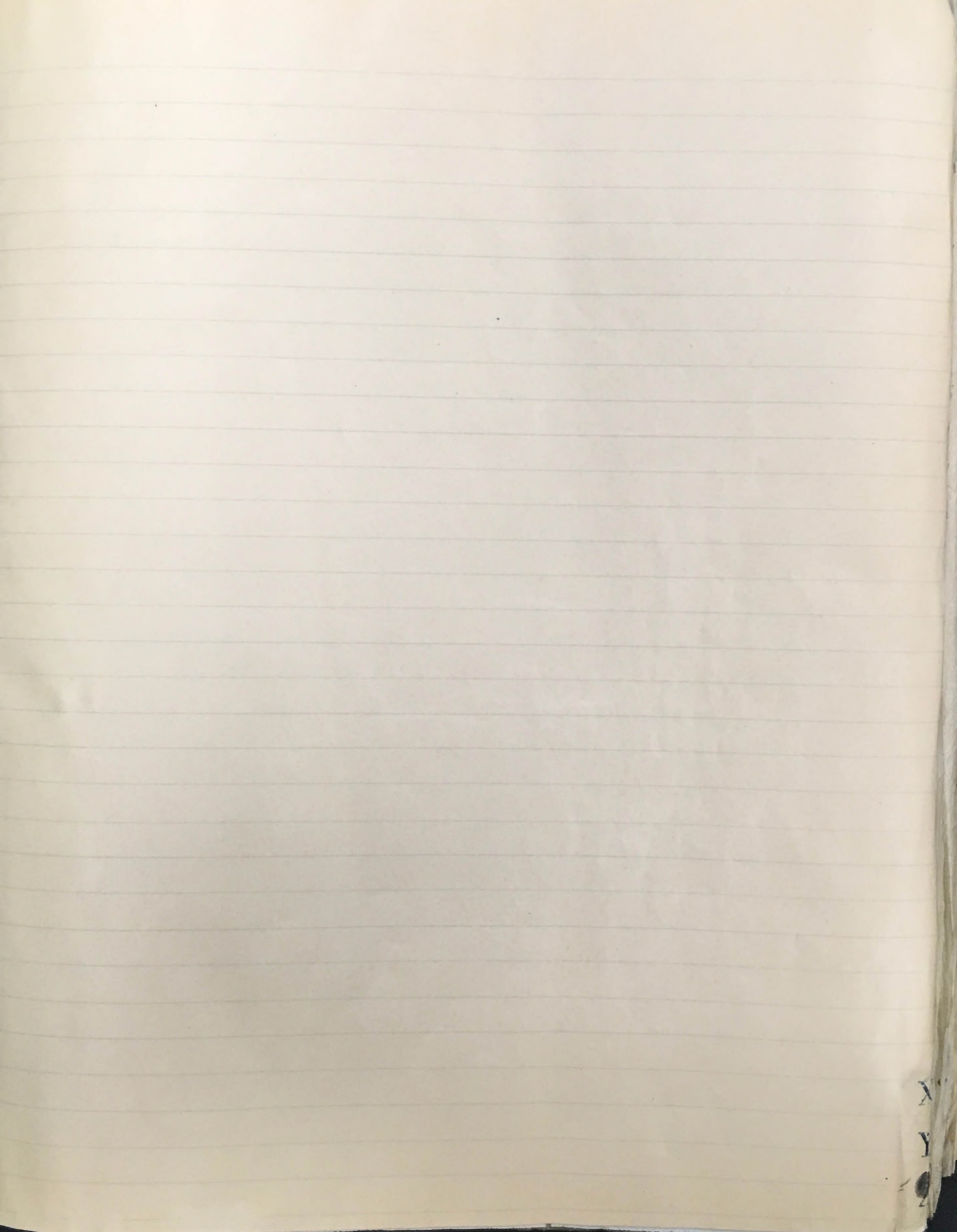
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Office of
Superintendent of Construction,

U. S. Mint (New),

Denver, Colo., March 31st, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,

Washington, D.C.

Sir:-

In compliance with instructions in Department circular (Initial S.) of December 31st, 1897, I have to report that the progress of work to date under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U.S. Mint building, in this city, consists in the completion of the south wall to the springing line of the second story window arches; the east and west walls, and a portion of the north wall, to about three feet above second floor line; the remainder of the north wall to first floor line (excepting three transom panels) and the brick backing of the walls; the interior chimney to near the attic floor line; the steel columns to attic floor line; the steelwork of the first, mezzanine and second floors complete, excepting the central portion of the second floor from columns to north wall; the central portion of the attic floor; walls in basement, including cap stones on same; storm and sand

tary sewers from lot line to city sewers; horizontal drain pipe in basement; cleanout manholes along the runs of the basement drain pipe; the concrete foundations for interior basement partitions; the terra cotta arches of the mezzanine floor and nearly all the terra cotta arches of the first floor, and a portion of the brick arches of the first floor have been completed.

Work is still being delayed owing to failure to receive the three marble transom panels for the first story and eight granite sills for the second story belt course.

During the month eighty-three granite cutters worked twenty-four days; one stonemason, nine days; thirteen laborers, eighteen days, and four bricklayers, fifteen days.

The weather was favorable for eighteen days' work during the month.

The average receipt of Arkins granite during the month has been sixty-five cubic feet per day.

Amount of voucher issued to contractor during the month\$ 6,328.58

Amount of vouchers previously issued on account of contracts\$122,250.87
Total\$128,579.45

Respectfully yours,

Lee Selby
Superintendent

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., March 31st, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I am in receipt of your letter of the 28th instant (initial J.C.P.) confirming telegram forbidding the use of Portland cement with 25% coarse matter for work under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U.S. Mint building, in this city.

In my letter of the 28th instant I explained that we had been using the cement having approximately 18% coarse matter, allowing three parts cement to five parts sand, or 20% more cement than required by the specification. Authority for the use of the cement in these proportions was granted in Office Letter of July 12th, 1898 and November 23rd, 1899.

Hereafter I shall require the removal from the premises of all cement delivered which is found to contain more than 18% coarse matter.

Respectfully yours,

Lawrence
Superintendent

Office of
Superintendent of construction,
U. S. Mint (New),

Denver, Colo., April 3rd, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I am in receipt of your letter (initial E.A.C.) of the 31st ultimo relative to detail of second story windows for the U.S. Mint building, in this city, under my charge, and advising me that there is no brick pier behind the marble columnar pier, the entire pier being of marble.

In reply I wish to state that the marble columnar piers have been cut according to full size detail on sheet No. 43, which shows the marble of said piers extending to 9" from the inner face of the wall and not according to half-plan a-b on Drawing No. 19, so that the brickwork of arch shown on half-plan c-d on working Drawing No. 19 will have no marble to come down upon, and it would seem necessary to construct a brick pier back of said marble columnar pier or build the brick arch over the entire window opening, and I

will thank you to state whether you consider it advisable to construct said brick pier 4 1/2"x 9" with an arch over each small window opening and a relieving arch over the pair of arches of the brick pier to be omitted entirely and construct one large arch over the entire window opening.

I will thank you to give instructions in this matter as early as possible and forward sketch, if advisable, showing the inside elevation of brickwork at these windows.

Respectfully yours,

Wm. H. Cherry
Superintendent

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., April 5th, 1900.

Mr. P. S. Garretson,

Acting Chief Executive Officer,

Office of the Supervising Architect,

Treasury Department, Washington, D.C.

Sir:-

I forward by today's mail duplicate photographic views showing the progress of work on the U.S. Mint building, in this city, under my charge, which views were authorized by letter (initial S. & G. D. E.) of the 21st ultimo.

Your statement, that I must recognize that a photograph showing no advancement at a given date is of as much value as one showing advancement in connection with future reference, has been noted and will be observed in making future recommendations. Department circular-letter of December 31st, 1897, modifying instructions to Superintendents, states that "ten days before the expiration of each calendar quarter you are requested to submit your recommendations to the Supervising Architect as to whether the work would warrant

photographic views", and it was in accordance with my understanding of said instructions that I did not recommend taking photographic views of the building at this time.

Respectfully yours,

Lawrence
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., April 5th, 1900.

To the Custodian of the
U.S. Court House and Post Office,
Denver, Colorado.

Sir:-

Referring to the work under Messrs. Wickham and Headquist's contract, awarded January 23rd, 1900, for putting in place partitions, changes of Post Office screen, etc., in the building under your charge, I wish to state that I have carefully examined the work, which is now completed, and find that the requirements of the specification for the contract have been carefully and conscientiously followed in every detail. The work, however, was not completed within the forty days' time stipulated in the contract, owing partly to the fact that the work did not begin immediately after awarding the contract as the material was not readily obtainable; yet, as I consider that the transaction of Government business was not unnecessarily interfered with and as the contractor has so faithfully performed the work, in many

cases performing additional work to accommodate the officials without making extra charge for the same, I advise you to recommend to the Secretary of the Treasury that the forfeiture of Five Dollars (\$5) per day, on account of delay, be not exacted but that final payment in full be made as promptly as convenient.

Respectfully yours,

Lee Wiley
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., April 9th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I am in receipt of your letter (initial J.C.P.) of the 5th instant relative to modification of the upper member of the main cornice of the U.S. Mint building, in this city, under my charge, referred to in my letter of the 23rd ultimo, and requesting me to state whether, since my letter was written, there has not some solution of the question appeared which would make it unnecessary to consider the substitution.

In reply I have to say that thus far it has been difficult to secure granite blocks of the sizes required for the second story sill course, although 26 of the 29 sills have been obtained, most of which have been received within the last two months. Considerable plastering has been done at the quarry since my previous visit there and the reports as

to the present conditions are conflicting, so that I judge the conditions are similar to those which have existed in the past, namely, at times large blocks are obtained giving considerable hope of securing stones of the quality desired, but, upon splitting the blocks, many of them have been found to contain seams or blue spots or other defects so serious that much of all of the blocks have had to be discarded.

The contractor's foreman does not entertain hopes of obtaining granite of the size required for the upper member of the cornice, even though he has been more successful recently in securing large blocks, but if you desire that I again visit the quarry to ascertain more definitely the existing conditions, with a view to securing the cornice blocks, I will thank you to inform me by wire on the 13th or 14th instant and I will proceed to the quarry and make an examination on the 15th instant and wire report concerning the same.

Respectfully yours,

Wm. H. Kelley
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),
Denver, Colo., April 9th, 1900.

Mr. J. K. Taylor,
Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

In compliance with instructions in Office letter (initial S.) of July 19th, 1899, I have to report that the progress of work to date under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, is substantially the same as reported to you on the 31st ultimo, since which time some work has been performed on the east and west walls of the building and about one third of the first floor brick arches have been put in place. The work on the north wall is still being delayed owing to the failure to receive the three marble transom panels for the first story window openings.

So far this month, seventy-seven granite cutters have worked three and a half days; nineteen laborers, three days; four bricklayers, three days, and one stonemason, two days.

The weather has been favorable for three and a half days' work thus far this month.

The average daily receipt of Arkins granite so far this month has been one hundred and seven cubic feet.

Respectfully yours,

Her. Hallberg
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., April 12th, 1900.

Mr. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I am in receipt of your letter (initial S.) of the 9th instant in reference to the installation of a bath tub and stationery washstand in the basement of the U.S. Court House and Post Office building, this city.

In reply I have to state that I have visited the Custodian of said building and conferred with him relative to the work, and, as we consider it advisable to have the same performed, I will assist him in preparing the specification and securing bids, as directed.

Respectfully yours,

Lawrence
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., April 13th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I have to acknowledge the receipt of your letter (initial W.) of the 10th instant relative to the backing behind the marble columns of windows of the U.S. Mint building, in this city, under my charge, and directing that the backing of wall should be supported on a semi-circular brick arch of two row-locks, having its center on a line with the centers of the small arched windows.

The contractor has been instructed to perform the work accordingly.

Respectfully yours,

Lee Bellamy
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., April 14th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D. C.

Sir:-

In compliance with instructions in Department circular (initial S.) of December 31st, 1897, I have to report that the progress of work to date under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, is practically the same as reported to you on the 31st ultimo, since which time but little work has been performed on the building owing to severe storms of rain and snow.

So far this month the average daily receipt of Arkins granite has been fifty-nine cubic feet. Recently, however, the roads leading from the quarry to the railroad have been in such a bad condition that it has not been possible to ship any granite from the quarry.

Thus far this month, seventy-seven granite cutters have worked seven days; nineteen laborers, seven days; one

stonemason, five and one half days, and five bricklayers, six days.

The weather has only been favorable for seven days' work so far this month.

Respectfully yours,

Treasurer, Department of

Leo Volleghy
Superintendent.

The work in sections in Department cir-
cled on the 31st ultimo, 1917, I have to report
that the work on Mr. J. I. McHenry's
building, in this city, is practically com-
pleted on the 31st ultimo, since which time
the work on the building owing to
the weather.

The average daily work of
the building is about 100 feet. Recently,
the work has been about 100 feet.

Office of
Superintendent of Construction,

U. S. Mint (New),

Denver, Colo., April 16th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I am in receipt of your letter (initial S.) of the 13th instant, enclosing letter of the 7th instant addressed to the Director of the United States Mint, relative to a rearrangement of runs of the terra cotta partitions, etc. under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U.S. Mint building, in this city, in which you inform me that no change will be made in said partitions and request that I now direct the contractor to proceed with the work as originally projected.

The contractor has been directed accordingly.

Respectfully yours,

Lee Vallery
Superintendent.

Office of
Superintendent of Construction,

U. S. Mint (New),

Denver, Colo., April 16th, 1900.

Mr. J. A. McIntyre,

#402 Cooper Building,

Denver, Colorado.

Sir:-

Referring to your letter of the 23rd ultimo, making inquiry concerning the change of partitions, etc. in the basement of the U.S. Mint building, in this city, under your contract, I have to inform you that the Supervising Architect now states that no change will be made and directs that the work shall proceed as projected.

Respectfully yours,

Lawrence
Superintendent.

Office of
Superintendent of Construction,

U. S. Mint (New),

Denver, Colo., April 18th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,

Washington, D.C.

Sir:-

I wish to renew the request made by me in a previous communication that Mr. Eugene C. Wilson be temporarily appointed Foreman of Construction in connection with the U.S. Mint building, in this city, under my charge, with compensation at the rate of Twelve Hundred Dollars per annum, and that Mr. Benjamin Tuthill be transferred elsewhere, the said Mr. Wilson and Mr. Tuthill being at the present time watchmen at this building.

Prospects being favorable for more continuous and rapid progress in the various branches of the work on the building renders it advisable that a Foreman of construction should be employed on the work, and owing to the statement in one of your previous letters that the condition of the appropriation would not permit any increase of the contingent

force here, the transfer of Mr. Tuthill to another building will permit the employment of Mr. Wilson as foreman of construction at the salary mentioned, and I recommend that action in this matter be taken at this time.

In this connection I wish to add that Mr. Tuthill's services as watchman here have been very satisfactory. He is sober, faithful and trustworthy and in every way the kind of man I can willingly and cheerfully recommend to be retained in the service.

Respectfully yours,

Lee C. Kelley
Superintendent.

Office of
Superintendent of Construction,

U. S. Mint (New),

Denver, Colo., April 17th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,

Washington, D.C.

Sir:-

I am in receipt of a letter dated the 16th instant from Mr. J. A. McIntyre, contractor for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, requesting that details be forwarded him showing the construction of cleanout manhole covers to be used under his contract. The said details are to be supplied as stated in Office letter of the 21st ultimo addressed to the contractor.

Respectfully yours,

Lee Wiley
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),
Denver, Colo., April 17th, 1900.

Mr. J. A. McIntyre,
#402 Cooper Building,
Denver, Colorado.

Sir:-

I have to acknowledge the receipt of your letter of the 16th instant, enclosing communication from the Gillette-Herzog Company, making request for details for the cleanout manhole covers in the U.S. Mint building, in this city, under your contract, - which request has this day been forwarded to the Supervising Architect.

Respectfully yours,

Lee Vallery
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., April 20th, 1900.

Supervising Architect,

Treasury, Washington, D.C.

Leave Denver tomorrow to visit Arkins quarry. Return Sunday
night. Will report by mail twenty-third, unless otherwise directed.

Ullery, Supt. Mint.

Official Business,
Gov't Rates, Collect.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., April 21st, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

Referring to the marble work under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, I have to state that considerable of the same for the second story windows is ragged and broken at the rear edge of the marble jamb, so that frequently at the horizontal joints the broken corners extend one, two and sometimes three inches from the rear of the 8" jamb. As it is not known what size the staff head of the window frames will be, I am undecided as to what portion of the said ragged marble joints will be covered, and I desire instructions concerning the extent of broken joints I may permit at the rear edge of the jambs, the broken portion to be neatly pointed with mortar and hereafter covered by the staff heads of the window frames. The capitals of pilaster jambs have been cut with 7"

depth of jamb instead of 6" as noted on the drawings. I do not consider this shortage of so serious a nature as to require rejection of the capitals, as the staff heads of the window frames will surely cover the shortage and the rejection of the capitals would delay the work.

Considerable of the marble work delivered has broken corners and has been patched, which is a very unfavorable recommendation for the marble sub-contractors, all of which patched work I have, of course, rejected. I mention this in order that you may know the facts in the case should they protest to you against my rejection of marble as they have to the contractor.

Respectfully yours,

Wm. C. Allen
Superintendent

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., April 21st, 1900.

Mr. J. A. McIntyre,

#402, Cooper Building,
Denver, Colorado.

Sir:-

I am in receipt of your letter of the 16th instant, enclosing letter of the 16th instant from the Celadon Terra Cotta Company, relative to changes in the hip tiles required under your contract for the roof of the U.S. Mint building, in this city.

Concerning the same, I have to state that the Supervising Architect in letter of February 3rd, last, requested a proposition as to the amount you would deduct from the sum to be paid you under your contract on account of making the changes proposed, that is, using the barrel tile instead of the flat tiles at the hips, which information I forwarded you in my letter of February 7th, last, and as your letter just received does not contain such a proposition as can be acted on by the Department, I have to request that you will forward me, at your earliest convenience, a definite proposition stating how much you will deduct from the

amount to be paid you under your contract if permitted to use the barrel tile in lieu of the flattened tile. This proposition will enable me to place the matter before the Department for action.

It would seem unnecessary to forward the letter of the Celadon Terra (otta) Company to the Department as their statements are largely the same as made in their letter of January 18th, last. The Department of course would not give consideration to the statement that the said company did not have the specification for the work before them at the time of making the contract, and the fact that their detail drawings did not show flat tile would not be considered.

Hoping that I may receive from you a proposition stating the amount you will deduct for the change as already mentioned, I am

Respectfully yours,

Lawrence
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., April 23rd, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

In accordance with instructions in your letter (initial S.) of the 17th instant, I visited the granite quarry at Arkins, Colorado, on the 22nd instant to ascertain, if possible, the prospects for securing the upper member of the main cornice of the U.S. Mint building, in this city, of the dimensions required by the drawings, under contract with Mr. J. A. McIntyre.

I have to report that the conditions at the quarry are, in my judgment, more favorable than at the time of any of my previous visits. Large boulder-shaped blocks have recently been uncovered, and the quarrying is being done in front and below the same in order to free them for quarrying. Said blocks have seams which appear to run parallel with each other, and if cross seams are not too frequent (as has been the case heretofore), the prospects are favorable for securing pieces of the sizes

required for the cornice. The work of quarrying the said boulder shaped blocks will not begin for a week or ten days, so that no information can be obtained concerning their condition until about the middle of next month, at which time another and final visit should be made.

Up to the present time only one or two pieces have been obtained from the quarry of the size, quality and color to make a piece of said upper member of the cornice, and, as about 100 pieces are required, some idea may be formed as to the time necessary to obtain the same according to the drawings, unless the quarry becomes much more favorable than it has been in the past.

About 2,000 feet of satisfactory granite has been quarried recently and was at the quarry ready for shipment yesterday, it having been impossible to haul the same to the cars on account of the bad condition of the roads. Hauling has now been resumed, however, and the supply at the yards here will probably, after a few days, be sufficiently plentiful to employ regularly one hundred granite cutters here again.

In addition to the quantity of granite at the quarry, about 2,000 cubic feet are yet to be quarried for the ashlar of the building and about 2,500 cubic feet for the moulded and carved work up to and exclusive of the top member of the cornice, to

which 4,500 cubic feet we add 5,500 cubic feet for the top member of the cornice, according to the drawings, making a total of 10,000 cubic feet yet to be quarried.

I estimate that the time required to quarry all the remaining granite, exclusive of the top member of the cornice, to be about six weeks, so that by the middle of June the only remaining granite to be secured will be the upper member of the cornice. If the said member can be modified, as per sketch recently forwarded you, the material should be obtained by the latter part of July. If the cornice cannot be changed, however, and the quarry does not prove more favorable than heretofore, the length of time required to secure the same is very indefinite.

Respectfully yours,

Lee Sully
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., April 23rd, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

In accordance with instructions in Office letter (Initial S.) of July 19th, 1899, I have to report that the progress of work, to date, under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U.S. Mint building, in this city, is substantially the same as reported to you on the 31st ultimo, since which time work on the arches of the south wall has begun and the other walls carried to about four feet above the second floor line, with the exception of a portion of the north wall in which the marble panels are now being placed, the last three panels needed having been received today. This enables the completion of the said portion of the north wall to the second floor line. Nearly all the brick arches of the first floor have been completed.

All the granite blocks for the second story sill course except three, have been received in the city. The remaining three sills are now at the quarry ready for shipment, and the granite

yet required for the second story will no doubt soon be received, out and set. About half the marble required for the second story windows has not yet been received.

So far this month, nineteen laborers have worked eleven and one fourth days; five bricklayers, ten and three fourth days; one stonemason, ten and three fourth days, and sixty granite cutters, eleven and one half days.

The average daily receipt of granite thus far this month has been thirty-four cubic feet.

The weather has been favorable for twelve and three fourth days' work so far this month.

Respectfully yours,

Lee C. Allen
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., April 24th, 1900.

Mr. J. A. McIntyre,

#402 Cooper Building,
Denver, Colorado.

Sir:-

I forward you herewith one copy of miscellaneous drawing #928 showing construction of cleanout manhole covers in the basement of the U.S. Mint building, in this city, under my charge, as requested in your letter of the 16th instant.

Respectfully yours,

W. A. Kelly
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., April 24th, 1900.

Mr. O. E. Kemper,

Acting Supervising Architect,

Treasury Department, Washington, D. C.

Sir:-

I am in receipt of duplicate copies of miscellaneous drawing #928, showing construction of cleanout manhole covers in the basement of the U. S. Mint building, in this city, one copy of which has been forwarded to the contractor for his guidance and the other retained in this office for information in accepting material.

Respectfully yours,

Wm. E. Kelly
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., April 25th, 1900.

Mr. J. A. McIntyre,
402 Cooper Building,
Denver, Colorado.

Sir:-

I am in receipt of your letter of the 24th instant making a proposition to put in place the roof tiles on the U.S. Mint building, in this city, along hips by cutting hip rolls to fit the barrels of the regular roof tiling in lieu of flattened tiles, the change to be made without additional expense to the Government.

Your proposition has been forwarded to the Supervising Architect for his consideration.

Respectfully yours,

Lee B. ...
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),
Denver, Colo., April 25th, 1900.

Mr. J. K. Taylor,
Supervising Architect, Treasury Department,
Washington, D. C.

Sir:-

I Forward to you herewith letter of the 24th instant from Mr. J. A. McIntyre, contractor for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, also a copy of letter of the 13th instant from the Celadon Terra Cotta Company relative to change of roof tile along hip rolls, as mentioned in my letter of January 29th, last.

In Office letter of February 3rd, last, I was directed to secure from the contractor a proposition stating what amount he would deduct from the sum to be paid him under his contract if permitted to cut the hip rolls to fit over the regular roof tiles in lieu of flattening the tiles along the hips as required by the specifications.

I requested the contractor to submit such a proposition on February 7th, last, and again on the 21st instant, and in his proposition, herewith enclosed, the contractor states that he

will make the change without additional expense to the Government.

In view of the fact that the flattened tile would probably show irregular lines along the hip and that the expense of cutting the hip rolls to fit over the barrels of the roof tile along the hips would probably offset any deduction the sub-contractors might make for furnishing flattened tiles, I consider that there is no saving to the contractor in making the change and, if the construction proposed is satisfactory, I recommend that the contractor's proposition to make the change without additional expense to the Government, be accepted.

Respectfully yours,

John H. Kelley
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., April 26th, 1900.

Mr. C. E. Kemper,
Acting Supervising Architect,
Treasury Department, Washington, D. C.

Sir:-

I am in receipt of your letter (initial F.) of the 25th instant, enclosing letter and bids from the Acting Custodian of the U. S. Court House and Post Office Building, Pueblo, Colorado, for repairs to the roof of said building and instructing me to proceed to that city, prepare specification for the repairs and assist the Acting Custodian in securing bids for the work.

Conditions here will likely permit my going to Pueblo about the middle of the coming week and I have so informed the Acting Custodian and called his attention to the propriety of having minor repairs made of a temporary nature if necessary to avoid immediate damage to the building, as authorized by Section 10, "Instructions to Custodians".

Respectfully yours,

W. E. Kelley
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., April 28th, 1900.

Mr. J. R. Straits,

Acting Custodian, U.S. Court House and Post Office,
Pueblo, Colorado.

Sir:-

I am in receipt of a letter of the 25th instant from the Acting Supervising Architect, Treasury Department, referring to me two bids for the repair of the roof of your building, which bids you forwarded to the Secretary of the Treasury. Said letter instructs me to proceed to your city and assist you in securing satisfactory bids for the work, but owing to the existing conditions here at this time, I will not be able to leave this city until about the middle of the coming week.

In the meantime, if the leaks in the roof of the building are liable to cause immediate damage, repairs of a minor and temporary character should be made so as to offer relief until the proposals for general repairs can be obtained and acted upon by the Department. Public exigency requiring immediate performance of the work, you should, in such case, have the repairs made as provided in Section X of printed "Instructions" to custo-

plans", to which matter the Acting Supervising Architect wishes
me to call your attention.

Respectfully yours,

W. H. Kelley
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., April 30th, 1900.

Mr. J. A. McIntyre,
402 Cooper Building,
Denver, Colorado.

Sir:-

Referring to the matter of modification of the upper member of the cornice of the U.S. Mint building, in this city, under your contract, as proposed in your letter of the 21st ultimo, I have to inform you that I am this day in receipt of a letter from Mr. C. E. Kemper, Acting Supervising Architect, Treasury Department, informing me as follows:

"Upon further consideration it is deemed inadvisable to make any further change whatever in the size of the stone forming this upper course of cornice, and you are directed to so inform the contractor."

Respectfully yours,

Wm. C. Kelley
Superintendent.

Office of
 Superintendent of Construction,
 U. S. Mint (New),
 Denver, Colo., April 30th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
 Washington, D. C.

Sir:-

In compliance with instructions in Department circular (initial S.) of December 31st, 1897, I have to report that the progress of work, to date, under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, consists in the completion of the south wall to and including a portion of the window arches of the second story; a portion of the east and west walls to the same height, and the remainder of said walls to three feet above second floor line; the north wall to the second floor line; the brick backing of all of said walls; the interior chimney to near attic floor line; the steelwork of the first, mezzanine and second floors complete; the central portion of the attic floor; wells in basement, including cap stones on same; storm and sanitary sewers from lot line to city sewer; horizontal drain pipe in basement; elegant manholes

Report of

J. S.

along the runs of the basement drain pipe; the concrete foundations for the interior basement partitions; the terra cotta arches of the mezzanine floor, and nearly all the terra cotta arches for the first floor, and the brick arches of the first floor, complete.

The slow progress of the work at the present time is due to the fact that but little granite has been received from the Arkins quarry this month. All the second story sill course has been received, excepting three sills which are now at the quarry ready for shipment. The prospects are favorable for securing from the quarry all the granite required, to and exclusive of the upper member of the main cornice, within the next six weeks. The only present difficulty, apparently, is the almost impassable condition of the roads near the quarry, due to recent heavy rains and snows.

The marble work required for about ten of the second story windows has not yet been received.

During the month, nineteen laborers worked sixteen days; four bricklayers, fifteen and one fourth days; one stone-mason, sixteen days, and fifty-seven granite-cutters, sixteen days.

The weather has been favorable for seventeen and one fourth days' work during the month.

The average daily receipt of Arkins granite during the month has been forty cubic feet.

Superintendent of

C. S.

Amount of voucher issued to contractor during the month,

.....\$ 7,818.61

Amount of vouchers previously issued on account of con-

tracts\$128,579.45

Total\$136,398.06

Respectfully yours,

Lee S. Allen
Superintendent.

Office of
Department of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., April 30th, 1900.

Mr. C. B. Kemper,

Acting Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I have to acknowledge the receipt of your letter (initial J.C.P.) of the 27th instant, relative to modification of the upper member of cornice of the U.S. Mint building, in this city, under my charge, and informing me that, upon further consideration, it is deemed inadvisable to make any change whatever in the size of the stone forming this upper course of cornice and directing me to so inform the contractor.

The contractor has this day been informed accordingly.

Respectfully yours,

Lee H. Clark
Superintendent.

Office of
 Superintendent of Construction,
 U. S. Mint (New).

U. S.

Denver, Colo., April 30th, 1900.

Mr. C.R. Kempner,

Acting Supervising Architect, Treasury Department,
 Washington, D.C.

Sir:-

I am in receipt of your letter (initial B.) of the 28th instant relative to chipped marble for use under Mr. J.A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U.S. Mint building, in this city. Informing me that not over 2 inch chipping should be allowed at the rear edge of the marble joints, which will be covered by wood work of window frames.

Said instructions will be followed in accepting marble for the work.

Respect fully yours,

Wm. C. Kempner
 Superintendent

Office of
Superintendent of Construction,
U. S. Mint (New).
Denver, Colo., May 1st, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department, Washington, D.C.

Through the Office of Custodian,

U.S. Court House & Post Office, Denver, Colorado.

Sir:-

As instructed in your letter (initial S.) of the 9th ultimo, I have assisted the Custodian of the U.S. Court House & Post Office Building, in this city, in preparing a specification and securing bids for the placing of bath tubs, etc., for the Railway Mail Clerks' in said building. The bids for the same having been opened to-day at 2 P.M., I wish to state as follows:-

Owing to the fact that there is a stationary washstand in the Railway Mail Clerks' toilet room, we did not ask for bids for said fixture; and there being objection to the ordinary bath tubs for use indiscriminately by the great number of Railway Mail Clerks centering in this city, we asked and secured bids for the bath tubs with shower and needle baths and alternate bids for the shower and needle baths without tubs. As the toilet room is not heated, it became necessary to obtain bids for heating the same,

and it was also necessary to obtain bids for a heater for the water supply to the baths and an enclosure for the baths in the room, said enclosure being specified to be similar to the wood partition now enclosing the water closet fixtures in the toilet room.

I estimate the value of the material in place, without the tubs, to be as follows:

Radiator	\$325.00
Wood partitions	75.00
Elate partitions	250.00
Two showers	250.00
Rubber curtains	35.00
Supply, waste and vent pipes, including change at present closets for connection	200.00
Repairs to the basement floor	75.00
Making a total of	\$1,110.00
Adding 10% for contingencies	111.00
	<u>\$1,221.00</u>

It will be seen that the lowest bid, that of P.H. Balfe, in amount \$1,193.00 for the shower and needle baths, without tubs, is not unreasonable. His bid, however, of \$1,273.50 for the showers, including the tubs, is probably higher than it should be, as the difference in value between tubs and the slate partitions at shower baths should not be very great.

As I consider the shower and needle baths without the tubs the most satisfactory and suitable for the available space in the toilet room, I recommend the acceptance of P.H. Balfe's proposal of \$1,193.00 for the shower and needle baths without the tubs, provided the said amount can be allowed for the plumbing work of the building.

Respectfully yours,

Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., May 7th, 1900.

Mr. C. E. Kemper,

Acting Supervising Architect,

Treasury Department, Washington, D. C.

Sir:-

I have to report that on the 3rd instant while I was making an examination of the defective roof on the U.S. Post Office building, in Pueblo, Colorado, in order to prepare a specification for its repair, as directed in your letter of the 28th ultimo, I removed some sections of the cast iron cresting on said roof to ascertain why there are leaks at the base of the cresting, as the officials reported the roof there "leaked like a sieve". Having carefully removed three sections and placed them on the roof, I raised a section of the cast iron base intending to immediately replace it, but it accidentally slid off the roof and dropped on the skylight, breaking some of the lights. It was necessary to remove the cresting in order to determine the cause of the leaks there and I was careful in handling it, realizing the liability of its sliding off the roof which I en-

endeavored to guard against, but the accident occurred and was as unavoidable as any accident could be.

Respectfully yours,

Lee C. ...
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),
Denver, Colo., May 7th, 1900.

Mr. C. R. Kemper,

Acting Supervising Architect,

Treasury Department, Washington, D.C.

Sir:-

In obedience to instructions in your letter (initial F.I. of the 25th ultimo), I went to Pueblo, Colorado, on the morning of the 2nd instant and made an examination of the roof of the U.S. Post Office building in that city. I found that the copper work on all portions of the roof is not well secured. The copper is buckled more or less over the entire roof, and, when stepping upon the buckled portions, the copper is moved sometimes for eight or ten feet from its position in different directions, so that by tapping said portions lightly you produce a wavy motion in the copper. A similar wavy motion of the copper being produced by the wind, causing the copper to be continually bending, has caused the copper to break, cracks being frequent in all portions of the roof, especially in the valleys. Where some pieces of copper have holes every few inches over their surface and will have to be replaced with new copper, the copper be-

ing bent to form the valley, does not respond so easily to the wavy motion of the copper under the action of the wind and has become more seriously broken.

On page 18 of the specification for "Protection and Completion" (except Plumbing and Heating, Elevator Car, etc.) for said building, copper clips were required to be placed two to each alternate joint of the book tile, etc., and on page 23 of said specification, it was required that the copper covering of the roof should be secured to the copper clips. I went through the attic to ascertain whether the clips had been put in place in the book tile and found that less than half the number of clips called for had been put in, and in some portions of the roof, covering half a square or more of area, no clips had been inserted in the book tile. I employed a tinner to unsolder some joints of the copper where clips should be and found only one clip turned into the joint of copper where the specification called for six. I found that several of the clips which had been placed in the terra cotta book tile had been turned down flat on top of the book tile beneath the copper roof covering and in no way connected to it, so that it appears that only a small portion of the clips which were placed in the book tiles were utilized for securing the copper work of the roof covering.

The copper sheets where the brace rods for the cast iron

Mr. C. V. Kemper -----3

trussing have been secured are reasonably tight, being held quite firm by soldering around the braces, but in many places the movement of the copper above this line has broken the copper near the braces, so that they should all be flashed, only a few of them having been flashed properly when the roof was put on.

The question of securing the copper work above the line of the braces is, of course, the important one, for it would be useless to expend money making repairs, as the continued movement of the copper under action of the wind would soon cause new breaks and continue to do so. Neither of the firms which bid on repairs would guarantee the roof for any length of time after making the repairs and both of said firms have experienced men on this line of work.

I found upon examination that the back tiles are of hard tile and not porous terra cotta, as called for on page 18 of the specification, so that I could not drive a nail into it, and the plan of nailing clips to the back tile could not be considered. As the copper has buckled considerably, I did not think we could make a smooth job by drilling and bolting through the copper and terra cotta and capping the bolts on top of the copper sheets. This method would, at any rate, be comparatively temporary, as expansion and contraction would soon loosen the copper and the caps. It would be almost as expensive as the method decided upon, the chief

Mr. C. E. Kemper -----4

difference being the cost of extra copper and wood strips required.

I prepared a specification and secured bids on the work which were opened on the afternoon of the 5th, and which have no doubt reached you, the Acting Custodian having mailed them to you together with a copy of the specification that evening.

I found that the copper work beneath the cast iron cresting around the roof is generally but little higher than the gutter, and in many portions only 2 1/8" above, and open spaces large enough to put the fingers between the cast iron and the copper permit the water as it comes down the slopes of the roof with more or less force to pass over the copper and enter the open space under the base of the cresting and wet the ceilings, many of which in the upper story have already become badly discolored and damaged by the leaks.

I consider the method proposed in the specification and upon which bids were taken, will make the roof water tight, and I am satisfied that the bids are reasonable, having made an estimate on the work, as follows:-

Cutting present roof copper in to 28" strips, say ..	\$ 50.00
3 M pine strips 2"x 8" in place on roof, \$40.	120.00
3030 bolts, 1/4"x 4 1/2" with washers (including drilling of Terra Cotta), 20 cents	303.00
1500 sq. ft. of copper on wood strips (6 sq. ft. each) at 50 cents	750.00
400 sq. ft. copper for clips (nailed to wood strips) at 40 cents	160.00
1800 sq. ft. additional copper for roof covering, 40cts.	720.00
Flashing at 120 braces along cresting, \$1.	120.00
Cementing along base of cast iron cresting, say	100.00
	<u>\$2,323.00</u>

Mr. C. W. Kemper -----5

The firm making the lowest bid being responsible, and as their foreman and timer are thoroughly practical and local men, I recommend that their proposal, in amount \$2,210.00, be accepted.

As directed in your letter of the 25th ultimo, I return herewith the letter of the 19th ultimo from the Acting Custodian of the building referred to, together with proposals of the 18th ultimo from the Holmes Hardware Company and the Pueblo Hardware Company, for repairs to the roof of said building.

Trusting that from this report the condition of said roof may be ascertained, I am

Respectfully yours,

Law Alley
Superintendent.

Office of
Superintendent of Construction,

U. S. Mint (New),

Denver, Colo., May 8th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

In compliance with instructions in Office Letter (Initial S.) of July 19th, 1899, I have to report that the progress of work to date under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, shows additional work since my report on the 30th ultimo, as follows: The south wall of the building has been carried to the top line of the second story window arches, the marble and granite arches and brick backing having been completed; the east and west walls to six feet above second story floor line; the north wall to six feet above second floor line, except the central portion which has been completed to the second floor line; a portion of the terra cotta arches of the second floor has been put in place; the arches, brick and terra cotta, of the first floor, have nearly all been completed, and work has commenced on the terra cotta partitions in the basement.

The slow progress of the work at the present time is caused by failure to secure granite from the Arkins quarry owing to the bad condition of the roads until within the past few days. It is expected, however, that delay on this account will not continue as there is considerable granite at the quarry ready for shipment and the weather is now favorable for hauling.

The marble required for about one third of the second story has not yet been received from the Chicago sub-contractors, and some delay in the progress of work will occur on account of the same, if it is not received prior to the end of this month.

So far this month twenty-one laborers have worked seven days; three bricklayers, four and one half days; two stone-masons, five and one half days; one painter, three days; and forty-six granite cutters, six and one half days.

The average daily receipt of Arkins granite thus far this month has been forty-three cubic feet.

The weather has been favorable for seven day's work so far this month.

Respectfully yours,

Lin V. Kelley
Superintendent

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., May 10th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

Referring to the terra cotta fire-proofing work under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, and the paragraph at the top of page "D" of the specification which states "The contractor must submit sketches showing his proposed method of fire-proofing the girders for approval before executing the work", I have to inquire whether said sketches have been submitted. If so, I desire to have a copy for my information in directing the work, and if not, I request instructions in regard to permitting the work to proceed.

I presume that it is the intention to require the contractor to submit sketches showing the method of fire-proofing the large plate girders only, and that fire-proofing of the I-beam girders and channels, which extend but a few inches below the soffits

of the terre cotta arches, may be allowed to proceed, using shoe tile and slabs so that the soffits of projecting portions of the sides of the beams and channels shall be entirely covered.

Respectfully yours,

Geo. W. H. H. H.
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., May 10th, 1900.

To J.K. Taylor,
Supervising Architect, Treasury,
Washington, D.C.

Public roof papers and my report mailed you from Denver on sev-
enth.

Wiley, Supt. Mint.

Official Business,
Gov't Rates, Collect.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., May 14th, 1900.

Mr. C. E. Kemper,

Chief Executive Officer,

Office of the Supervising Architect,

Treasury Department, Washington, D. C.

Sir:-

I hereby request authority to make an expenditure of Six Dollars and Seventy-five Cents (\$6.75) for six month's water rent from May 1st, 1900, to November 1st, 1900, for use in the temporary office at the U. S. Mint building, in this city, under my charge.

Respectfully yours,

Lee H. Hays
Superintendent.

Office of
Superintendent of Construction,

U. S. Mint (New),

Denver, Colo., May 14th, 1900.

Mr. J. M. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I am in receipt of your letter (initial E.A.C.) of the 10th instant making inquiry relative to the quality, pressure and effect upon boilers of the water supply from the city mains and which will be available for use in the U.S. Mint building, in this city.

In reply I have to state that the water is of good quality, being taken from reservoirs in the mountains, and can be properly classed as snow water. It is reasonably soft, and is said to contain little or no alkali. The Water Company informs me that they have no schedule showing an analysis of the water, but, if desired, an analysis will be made for your information.

The pressure of the water to-day from the city main at the northeast corner of the Mint site was fifty-five (55) pounds per square inch.

Concerning its effect upon boilers, I have to say that I

Mr. J. K. Taylor---G.

consulted the engineer in charge of the boilers at the Post Office Building, in this city, who informs me that the boilers have had no repairs since they were placed in the building in about 1892 and that they were tested last week by a Government boiler inspector whose name the engineer told me is Seville. Said inspector informed him that the boilers are in perfect condition and that the water pipes are in equally good condition. The engineer told me that he cleans out the high pressure boiler (for operating the elevator) twice a month and that the boiler contains less sediment and scale than any other boilers he has had charge of in Eastern cities. He states that the low pressure boilers (for the heating apparatus) are cleaned out but twice a year.

I talked with Mr. McPhee, of the firm of McPhee & McGinnity, a planing mill firm, in this city, who informed me that they have used the city water and that it is satisfactory as to quality, but that nearly all mills and hotels use artesian water as a matter of economy. Mr. McPhee stated that their well cost \$2,300.00 and supplies their mill and several business buildings owned by their firm; whereas, according to the water rates he would pay that amount as rent for the city water supply in a few years. He states that there is no objection, so far as he knows, to the use of city water in boilers or heating apparatus, except on account of the excessive charges by the Water Company.

Mr. J. K. Taylor-----

I also talked with Mr. Michael, of the Michael Heating Company, who informs me that he has put in quite a number of hot water plants in this city, all of which have given satisfaction. He knows of no reason why either a steam or hot water plant would not be a success in this building, using water from the city main.

I consulted with the engineer at the Brown Palace Hotel who stated that all the hotels use artesian water, but occasionally they are compelled to use some water from the city mains owing to the small supply of artesian water at certain seasons of the year.

In regard to filters, I will state that in the residences filters are not in general use, although I am informed that in a few of the best residences in the city filters are used. The Water Company informs me that they have mechanical filters at the reservoirs in the mountains dispensing with the necessity of having filters in the residences, and I can state that during my observation I have never seen the water from the city mains other than clear.

I forward herewith a schedule of the Water Company's rates from which you may be able to ascertain whether an artesian well or water from the city mains would be more economical. The artesian well would probably cost about the sum mentioned by Mr. McPhee.

Respectfully yours,

Wm. B. Kelley
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., May 15th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D. C.

Sir:-

In compliance with instructions in Department circular (Initial B.) of December 31st, 1897, I have to report that the progress of work to date under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint Building, in this city, consists in the construction of the south wall to the top of the second story window arches, portion of the east and west walls to the same height, and the remainder of the east and west walls and the north wall, near corners, to six feet above the second floor line; the central portion of the north wall to second floor line; the brick backing of all of said walls; the interior chimney to near attic floor line; the steelwork of the first, mezzanine and second floors complete; the central portion of the attic floor; walls in basement, including cap stone on same; storm and sanitary sewers from lot line to city sewers, horizontal drain pipe in

basement, diagonal manholes along the runs of the basement drain pipes, the completion of nearly all the basement terra cotta partitions; the terra cotta arches of the mezzanine floor and a portion of the arches of the second floor have been put in place, and the arches, brick and terra cotta, of the first floor, have nearly all been completed.

So far this month, twenty-three laborers have worked twelve and one half days; four bricklayers, ten days; one painter, three days; two stonemasons, eight days, and fifty-three granite-cutters, twelve days.

The average daily receipt of Andine granite so far this month has been one hundred and nineteen cubic feet.

The weather has been favorable for thirteen day's work thus far this month.

Respectfully yours,

Lowell
Superintendent

Office of
Superintendent of Construction,
U. S. Mint (New);

Denver, Colo., May 17th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

Referring to the marble work under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city. I have to inform you that three or four of the second story columnar piers delivered on the site, have the head at the top of column broken and I have accordingly refused to permit their use.

The contractor desires me to ask you whether you are willing to allow the removal of the top head entirely and cut the head on the lower portion of some of the new capitals which are to be made, so that the joint line between the capitals and column will be below the head instead of above, as required by the drawings and full size details; or, in case you are not willing to permit the jointing as stated, they desire permission to reduce the size of the column and the head on top of same so that the shaft of the column below the head will be 6-5/8" instead of 7-1/8".

and the diameter through the head 8-1/4" instead of 9", as shown on the drawings and full size detail.

This request of the contractor's I forward to you without recommendation, and ask an early reply with a view to avoiding delay.

Respectfully yours,

Edw. C. Kelley
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., May 17th, 1900.

Mr. J. K. Taylor,
Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I am in receipt of your letter (initial J.C.P.) of the 14th instant, enclosing a copy of letter of even date addressed to Mr. J. A. McIntyre, contractor for the Foundation, Superstructure and Roof-covering of the U.S. Mint building, in this city, accepting his proposal of the 25th ultimo to cut hip rolls to fit over barrels in lieu of using flattened tiles, as required by the specification.

Respectfully yours,

Lin Riley
Superintendent.

Office of
Superintendent of Construction,

U. S. Mint (Bldg.),

Denver, Colo., May 17th, 1900.

Mr. J. E. Taylor,

Supervising Architect, Treasury Department,
Washington, D. C.

Sir:-

On drawing #5, basement plan, under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, a 4 inch pipe is indicated in the corner of the large west shaft south of column #9, and I am undecided as to whether the horizontal pipe from the same should connect with the drain pipes now under contract, or whether it is a soil pipe leading from the closets in the first story toilet room adjoining said west shaft, in which case it would seem that the horizontal pipe from the same should connect with the sewer leading to the alley and not as present under contract. I will thank you to inform me concerning the same.

Respectfully yours,

Levi Eldred
Superintendent.

Office of
Superintendent of Construction,

U. S.

Mint (New),

Denver, Colo., May 18th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I have to request that a new flag, the national ensign, size 5'-5" x 10'-0", be forwarded for use over the temporary office at the U.S. Mint building, in this city, under my charge.

Respectfully yours,

Wm. H. Kelley
Superintendent.

Office of
Superintendent of Construction,

U. S. Mint (New),

Denver, Colo., May 22nd, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I forward you, under separate cover, one quart of "Red Diamond" Portland cement just received, from the new grinding, for use under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city.

The cement has been tested and found to meet the required fineness, that is, 90% passes through the No. 100 sieve; but as I considered it probable that you would desire to make a test of the same to ascertain its tensile strength, I forward to you the sample referred to.

Respectfully yours,

Charles F. Smith
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., May 22nd, 1900.

The Honorable Lyman J. Gage,
Secretary of the Treasury,
Washington, D.C.

Sir:-

I am in receipt of your letter (initial J.) of the 18th instant informing me of the following changes in the contingent force on the U.S. Mint building, in this city, under my charge:

Discontinuance of the services of Mr. Eugene C. Wilson and Mr. Benjamin Tuthill, Watchmen at \$840. per annum, the same to take effect on the 5th proximo and each being granted leave of absence from the 22nd instant to date of discontinuance; and change of designation of Mr. Herbert E. Quigley, Inspector of Granite at \$1800. per annum, to Inspector at the same compensation, from date of oath, his services to be utilized at the building as well as at the cutting yards.

Respectfully yours,

Lee Sellers
Superintendent.

Office of
 Superintendent of Construction,
 U. S. Mint (New),

Denver, Colo., May 22nd, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
 Washington, D.C.

Sir:-

Referring to the galvanized iron flue linings under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof covering of the U. S. Mint building, in this city, the dimensions of hot air flue, extending from the basement ceiling to near the second story ceiling, between columns Nos. 10 and 11, shown on drawings Nos. 4 and 5, are given as 6'-0" x 1'-0", and on drawing No. 31, the distances from center to center of beams of the floor framing through which this hot air flue will pass, are 6'-0" and 1'-6", the open spaces between the flanges of said beams, in place, figure 3'-7" x 1'-1", so that when the terra cotta shoes are placed on the flanges of the beams for fire-proofing soffits of the same, the space inside the terra cotta will be about 5'-5 1/2" x 0'-10 1/2". I therefore desire to know whether I shall direct that the galvanized iron flue linings shall be carried up of the size stated (5'-5 1/2" x

Office of

Superintendent: 14

Q. 3

0'-10 1/2") throughout the entire height from basement ceiling to near the second story ceiling, in lieu of 6'-0 x 1'-0", as noted on the drawings.

Respectfully yours,

Law Wilkey
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., May 23rd, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

In compliance with instructions in Office letter (initial S.) of July 19th, 1899, I have to report that the progress of work, to date, under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, is practically the same as reported to you on the 15th instant, since which time some stonework on the east and west walls of the building has been done, the terra cotta partitions in basement nearly all completed and a portion of the 4" terra cotta partitions in the first story has been put in place.

So far this month, twenty laborers have worked nineteen days; five bricklayers, sixteen and one half days; two stonemasons, eleven days; fifty-five granite cutters, eighteen and one half days and one painter three days.

The average daily receipt of Arkins granite thus far this

month has been ninety-eight cubic feet.

The weather has been favorable for twenty day's work so far this month.

Respectfully yours,

Leslie C. Kelley
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., May 23rd, 1900.

The Honorable Lyman J. Page,
Secretary of the Treasury,
Washington, D.C.

Sir:-

I forward herewith certificate, in duplicate, of oath of office taken on the 22nd instant by Mr. Herbert B. Quigley, appointed Inspector in connection with the U.S. Mint building, in this city, under my charge, as indicated in your letter of the 18th instant.

Respectfully yours,

Law Kelley
Superintendent.

Office of
 Superintendent of Construction,
 U. S. Mint (Dev.),

Denver, Colo., May 24th, 1900.

Mr. C. R. Conner,

Chief Executive Officer, Office of Supervising Architect,
 Treasury Department, Washington, D. C.

Sir:-

I have to acknowledge the receipt of your letter (initials
 C. R. C.) of the 21st instant enclosing Disbursing Agent George A.
 Bartlett's check, No. 146786, in amount \$21.98, in payment of expenses
 incurred while traveling from Denver, Colorado, to Pueblo, Colorado,
 and return, under orders from the Department.

Respectfully yours,

Lee Vining
 Superintendent

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., May 24th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D. C.

Sir:-

Referring to the doorways in terra cotta partitions under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, I have to call attention to the door openings for the first story as indicated on Drawing No. 4, the height of openings Nos. 21 and 24 being given as twelve feet, whereas the channel girders supporting the mezzanine floor at vault "L" are too low to permit openings of such height, and I desire to know whether you wish to have the heights reduced to that of opening No. 20 or change the location of openings Nos. 21 and 24. The partitions and flue linings being now partly in place would of course involve considerable expense in shifting these doors and the heights might be reduced without much additional expense.

I will therefore thank you to inform me as early as possible what course you desire to pursue in this matter.

Respectfully yours,

Lee Selley
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., May 24th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

Referring to the terra cotta work of partitions under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, I desire instructions relative to the construction of said work over the opening leading from the vestibule to the main corridor, in the first story, and over the opening leading from the corridor to the stair well, on the same floor, shown on drawing #4.

Drawing #10, transverse section through said openings, shows the terra cotta work of the first named opening extending two feet below the steel channels, which terra cotta cannot, apparently, be placed and secured below the channels without a steel lintel, the same to be supported with rods connected to the channels.

The same drawing shows channels over the other opening

referred to (between the corridor and stair wall) and also shows the thickness of the terra cotta partition above the same to be the same as that of the other partitions, namely, 1'-0 3/4".

Drawing #62, second floor framing plan, shows a 12" I-beam to be put in place at this opening instead of the channels shown on the section. The I-beam has been placed, but the partition of the required thickness cannot be constructed on the same unless a steel lintel is put in place below the I-beam and suspended from it.

The specification calls for 3/8" thick steel lintels to be placed over door and window openings in the terra cotta partitions, but as these openings were not considered door openings, no steel lintels have been furnished for them, and I will therefore thank you to inform me, as early as possible, what method you desire me to pursue in directing the construction of the terra cotta work below and above said channels and beam.

Respectfully yours,

Wm. H. Kelly
Superintendent

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., May 25th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I have to acknowledge the receipt of your letter (initial E.A.C.) of the 22nd instant informing me that the horizontal run from the foot of the four inch soil pipe near column #9 of the U.S. Mint Building, in this city, under my charge, should be omitted as should also the four inch soil pipe near column #40, the horizontal runs for the same to be provided under the plumbing contract.

Respectfully yours,

Lee Kelley
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., May 25th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I have to acknowledge the receipt of your letter (initial S.) of the 22nd instant in reference to proposals for fitting up
baths for Railway Mail Clerks in the basement of the U.S. Post Office
and Court House, in this city, and instructing me to assist the Custodian of said building in preparing a modified specification and
securing bids for the work, the cost of the same not to exceed five
hundred dollars, which instructions will be complied with.

Respectfully yours,

Lee V. Ullery
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., May 26th, 1900.

Mr. H. S. Merrill,

Acting Chief of Division, Revenue Cutter Service,
Treasury Department, Washington, D.C.

Sir:-

I hereby acknowledge the receipt, by mail, of one National Ensign, 4 1/4 X 8 feet, forwarded for use on the temporary office at the U. S. Mint building, in this city, under my charge.

Respectfully yours,

John C. Ballou
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., May 26th, 1900.

Mr. J. A. McIntyre,

#402 Cooper Building,

Denver, Colorado.

Sir:-

Referring to the proposition to remove the bead at the top of some of the broken columns at the site of the U.S. Mint building, in this city, under my charge, I have to inform you that the Supervising Architect, in a letter just received, states that if you submit a proposal to cut the bead on the capital so as to make the joint below the bead, without expense to the Government, it is probable that your proposal would receive favorable consideration.

Respectfully yours,

John A. McIntyre
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., May 26th, 1900.

Mr. J. R. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

Referring to your letter (initial J.C.P.) of the 23rd instant, relative to cutting marble capitals with heads so as to permit the use of certain broken columns which have been delivered for use under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U.S. Mint building, in this city. I have to forward you herewith a proposal from Mr. J. A. McIntyre to cut the capitals for certain columns which have been broken so that the joints will be below the head, the same to be without expense to the Government, and, as the proposal is deemed reasonable, I recommend its acceptance.

Respectfully yours,

Law Gillingham
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., May 31st, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

In compliance with instructions in Department circular (initial B.) of December 31st, 1897, I have to report that the progress of work, to date, under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, consists in the construction of the south wall to the crown of the second story arches; the east and west walls to approximately the same height; the central portion of the north wall to three feet above second floor line and the end portions of the north wall to approximately the springing line of the second story arches, including the marble work and brick-backing of said walls (except the marble work of the second story windows in north wall and the marble arches of the second story in the east and west walls); the interior chimney to near attic floor line; the steelwork of the first, mezzanine and second floors complete; the steelwork of the central portion of

Mr. J. K. Taylor-----2

June 4

attic floor, including columns to attic floor line; the placing of steel vault linings; walls in basement, including cap stones on same; storm and sanitary sewers from lot line to city sewers in Celfax Avenue; horizontal drain pipe in basement; nearly all the terra cotta partitions in basement, and about one fourth of those of first story; the brick arches of the first floor complete, and the terra cotta arches of nearly the entire first floor, mezzanine floor and a portion of the second floor.

The work has been delayed on account of failure to receive the remainder of the marble required for the second story windows.

The amount of Arkins granite yet required is about 500 cubic feet for the plain ashlar of the second story; 2300 cubic feet for the moulded and carved work of cornices, aside from the top member of the same which requires about 5200 cubic feet, or a total of 8,000 cubic feet. In my report of the 23rd ultimo, I estimated that all the Arkins granite, up to and exclusive of the top member of the cornice, should be received by the middle of June.

I visited the quarry (at my own expense) on the 27th instant and found that quarrying has not been carried on as rapidly as possible, not having a sufficient force of drillers, not did I find the quarry in very good shape, owing to the fact that blasting has been done without first freeing the front of the ledges. It will now be necessary to do more stripping of the cap rock in order to obtain the amount of stone I figured should be secured by the middle of June.

Mr. J. K. Taylor

namely, the stone for the egg and dart course, panels and modillions of cornice. None of the blocks for the top member of the cornice have yet been obtained from the quarry, and there are no ledges in site large enough to produce the same. I have advised the contractor's foreman of the necessity of prospecting in order to secure said granite elsewhere, but as little anxiety is manifest on the part of the contractor, I cannot state what action, if any, will be taken by him in the matter. The same unconcern is manifest now as was in January when I urged the contractor to put in an additional steam derrick and power boiler at the quarry, which was only done after considerable discussion of the matter. An experienced contractor, anxious to complete his work needs no advice regarding the necessity of machinery to secure proper progress of the work.

The foot-hill for some miles from the point where the Arkins granite is being obtained contains practically the same granite as that which is now being used here, differing only slightly in color at the base and top of the hill and the top member of the cornice might be obtained there if search is made, although much time would probably be consumed in obtaining it.

During the month, fifty-nine granite cutters worked twenty-four days; two stonemasons, fourteen days; four bricklayers, twenty-four days; one painter, four days, and eighteen laborers, twenty-five days.

Mr. J. K. Taylor-----

The weather has been favorable for twenty-six day's work during the month.

The average daily receipt of Arkins granite during the month has been one hundred and sixteen cubic feet.

Amount of voucher issued to contractor during the month
 \$ 11,071.35

Amount of vouchers previously issued on account of contracts
 \$136,398.06
\$147,469.41

Respectfully yours,

Lee Willey
 Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., June 7th, 1900.

Mr. F. T. Matt,
68 Hicks Street,
Utica, New York.

Sir:-

I am in receipt of your letter of the 3rd instant making inquiry relative to the kind of granite used in the construction of the U.S. Mint building, in this city, under my charge, and also regarding the carving and contractor's name.

Replying to the same, I will state that Arkins, Colorado, granite is being used in the construction of the building with marble trimmings at windows. Some carving of the granite is to be done, but the contractor's foreman tells me that no additional carvers are required for the work. Considerable carving of the marble will be necessary later on, but is not included in this contract.

The contractor's name is Mr. J. A. McIntyre, and his address is No. 402 Cooper Building, Denver, Colorado.

The postage stamp enclosed with your letter is herewith returned.

Respectfully yours,

John S. Bailey
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., June 8th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

In compliance with instructions in Office letter (initial S.) of July 19th, 1899, I have to report that the progress of work, to date, under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, is substantially the same as reported to you on the 31st ultimo, since which time some work has been performed on the east, west and north walls of the building, the terra cotta arches of the first floor have been completed and additional terra cotta partitions placed in the first story.

One carload of marble for the second story windows was received on the 2nd instant (not quite the full complement), but as some pieces have been rejected and as a number of pieces previously received and rejected have not been duplicated, an additional consignment of marble will be required to complete the work.

So far this month, seventy-six granite cutters have work-

ed seven days; one stonemason, six and three fourth days; four bricklayers, four days, and sixteen laborers, six and three fourth days.

The weather has been favorable for six and three fourth day's work thus far this month.

The average daily receipt of Arkins granite so far this month has been eighty-five cubic feet.

Respectfully yours,

Lee Valley
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., June 8th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

Referring to the jointing of the ashlar for the chimney and vent stacks above roof line of the U.S. Mint building, in this city, I have to state that the contractors foreman desires permission to cut the neck mould course (being the second course below moulded cap) as a part of the plain course below. As the neck mould course shown on drawing No. 6 is to be but 3" in height, there is much liability of breakage, and I recommend that permission be given the contractor to cut the same on the course below without expense to the Government, the jointing of the ashlar facing of the chimney and vents below neck mould to be changed as necessitated by the proposed modification.

Respectfully yours,

Edw. Kelly
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., June 8th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I am in receipt of your letter (initial S.) of the 5th instant enclosing copy of telegram of even date to Mr. J. A. McIntyre, copy of letter of same date addressed to the U.S. Fidelity and Guaranty Company, relative to the slow progress of work under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U.S. Mint building, in this city, and instructing me to revisit the Arkins quarry and submit a report as to the conditions found regarding the shipment of granite yet required.

In this connection I wish to inform you that, while the force employed at the building in setting the granite is small, I have not insisted upon its increase owing to the fact that the granite has not been received rapidly from the quarry and a much

smaller force of granite cutters has been employed during the past two months than previously (about two thirds as large as should be); also, the blocks of granite have not been received at the building in proper sequence to permit setting the same in the walls immediately upon their receipt at the building, the work being consequently delayed until the receipt of many pieces yet wanted for the lower courses of the second story.

Referring to the statement in my report of the 31st ultimo, in regard to prospecting to obtain the granite for the upper member of the cornice, I wish to say that after my suggestion to the contractor's foreman that said prospecting should be done, the contractor did, I understand, visit and examine the surface of the foothill surrounding the present quarry opening, but I understand that no breaks were made and no drilling was done on the rock exposed, as is necessary to make a proper investigation, so that it cannot be said with any degree of certainty that the top member of the cornice in blocks of sizes shown by the drawings cannot be secured from the Arkine granite, the foothill surrounding the present opening being of practically the same granite as that now being obtained for the building, and at one place, at least, the surface would indicate that the granite beneath is more free from seams than where the quarry is now being operated.

I will visit the quarry and report to you on the 12th instant concerning the conditions, as directed in your letter.

Respectfully yours,

Geo. S. [Signature]
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),
Denver, Colo., June 11th, 1906.

Mr. J. K. Taylor,
Supervising Architect, Treasury Department,
Washington, D. C.

Sir:-

In compliance with instructions in your letter (initial S.) of the 5th instant, I visited the Arkins granite quarry on the 9th instant to ascertain the conditions and prospects of obtaining the remainder of the granite required under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city.

The quarry, under proper management and operation, with a sufficient force of workmen, will, I believe, within the next three weeks, supply all the granite yet required to and exclusive of the top member of the cornice. Some of the cap rock has been removed since my visit there on the 27th ultimo and a great many blocks of excellent granite have been obtained within the past week, a few of which were of the size required for the upper member of the cornice and many others approximate that size. Said pieces, however, have been broken up for the egg and dart courses of the cornice. It may

Mr. J. K. Taylor-----2

be that proper development of the quarry at the present opening will produce blocks of the size required for the top member of the cornice of the dimensions shown on the drawings, yet this is very uncertain, and the time that will be consumed in this development to secure said blocks, very indefinite. It is a fact, however, that the portion of the quarry developed since putting in the second steam derrick in February, last, has produced much more satisfactory granite and in more uniformly large blocks than were previously obtained. Pieces 3' x 6' might be obtained with considerable rapidity. I am not willing, however, to venture any prediction as to the time necessary for the contractor to obtain the one hundred and two pieces for the upper member of the cornice of the size required by the drawings, the work to be continued at the present quarry opening.

At the time of my visit to the quarry on the 9th instant the contractor had only twelve drillers and six laborers at work, but little more than half the force previously employed. It was said that many of the drillers formerly employed quit work because they could obtain better wages elsewhere, while others, believing that the quarrying had been completed (the top member of the cornice not being required of said granite) had left to secure more permanent work. There was only one team hauling granite to the cars, whereas two and sometimes three and more teams had been employed previously.

Mr. J. K. Taylor-----3

The granite is not being hauled and loaded as rapidly as quarried, even with the small force of drillers.

From these facts, in connection with my weekly report, it will be seen that the force at the quarry in delivering granite is small; the number of granite cutters employed at the yards in this city is about three fourths as large as the force employed last winter, and that the force at the building is small owing to the failure to receive granite at the building as rapidly as desired.

I consider it proper to state for your information that for some time last fall, and the early part of the winter, the management of the work was almost exclusively in the hands of Mr. Joseph Baines who was previously foreman of the granite cutters on this work and who has had many years of experience in the building business, having been a contractor for many buildings, among which is the Boston Block in this city, one of the best and largest in Denver. For some months, however, Mr. McIntyre has gradually resumed charge of the work, and about two months ago he submitted a proposition to Mr. George Ross-Levin, of the First National Bank here, who has kept up the financial part of the work, that he could save the bank twenty thousand dollars if he were given control until the completion of the contract, since which time he has been largely in charge of the work. The reduction of the force at the quarry, resulting in the slow progress of the work and the small working force at the building may be a part of the plan

Mr.J.K.Taylor-----4

of economy in order to make the saving mentioned. Mr.Baines informs me that he is not free to direct the work as he had previously done.

From this statement of facts you may see the apparent lack of vigor in prosecuting the work and the seeming unconcern manifest on the part of the contractor, as mentioned in my letter of the 31st ultimo, and fully realize the cause of the slow progress of the work.

Respectfully yours,

Lee Kelley
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),
Denver, Colo., June 11th, 1900.

Mr. J. A. McIntyre,
402 Cooper Building,
Denver, Colorado.

Sir:-

Referring to the first paragraph on page D of the specification for work under your contract, Foundation, Superstructure and Roof-covering of the U.S. Mint building, in this city, which states: - "Contractor must submit sketches showing the proposed method of fireproofing the girders for approval before executing the work". I have to state that the Supervising Architect informs me the files of his office do not show that said sketches have been submitted for approval and directs me to instruct you to forward said sketches at once.

Respectfully yours,

Lee C. Kelley
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),
Denver, Colo., June 11th, 1900.

Mr. J. K. Taylor,
Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I am in receipt of your letter (initial E.A.C.) of the 6th instant informing me that sketches showing the fireproofing of girders, under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, have not been submitted for approval and directing me to require the contractor to forward the same at once, which action I have this day taken.

Respectfully yours,

Law Selley
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),
Denver, Colo., June 11th, 1900.

Mr. J. K. Taylor,
Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I am in receipt of your letter (initial J.C.P.) of the 7th instant enclosing copy of Department letter addressed to Mr. J. A. McIntyre, contractor for the Foundation, Superstructure and Roof-covering of the U.S. Mint building, in this city, accepting his proposition to cut the head on capitals for center marble columns found defective, the same to be without additional cost to the Government.

Respectfully yours,

Lee Wiley
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., June 11th, 1900.

Mr. J. A. Sutherland,

Office of the Supervising Architect,

Treasury Department, Washington, D.C.

My dear Mr. Sutherland:-

Your letter of the 6th instant was received on Saturday, but as Mr. Tuthill is out of the city and not expected back soon, I talked with Mr. Brickenstein in regard to appointments in the building under his charge and he informs me that a recommendation has already been made to the Department relative to the vacancy in his building and he very much desires that the selection made here shall be approved by the Department, and as I am not interested in the appointments at that building, I do not wish to make any suggestions regarding the same.

Respectfully yours,

Lucas B. Barry
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., June 18th, 1900.

Mr. J. X. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

In compliance with instructions in Department circular (initial S.) of December 31st, 1897, I have to report that the progress of work to date, under Mr. S. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, consists in the construction of the south wall, half the west wall and the end portions of the north wall to the crown of the second story arches; the east wall to near the line of the third story floor beams, and the remainder of the west and north walls to near the springing line of the second story arches, including the marble work and brick backing, excepting the marble of the central windows of the north wall and three windows of the west wall of the second story (not all the marble for the second story windows having been received); the interior chimney to attic floor line; the steelwork of the first, mezzanine and second floors complete; the steelwork of the central portion of the attic floor, including the columns to at-

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., June 16th, 1900.

Mr. J. K. Taylor,
Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I am in receipt of your letter (initial J.C.P.) of the 13th instant directing me to obtain from Mr. J. A. McIntyre, contractor for the Foundation, Superstructure and Roof-covering of the U.S. Mint building, in this city, a proposition for the omission of the galvanized iron flue from the basement ceiling to near the second story ceiling. The contractor has this day been requested to submit said proposal.

Respectfully yours,

Lee Wilkey
Superintendent.

Office of
Superintendent of Construction,

U. S. Mint (New),

Denver, Colo., June 16th, 1900.

Mr. J. A. McIntyre,

402 Cooper Building, Denver, Colorado.

Sir:-

I have to inform you that the Supervising Architect of the Treasury Department desires to omit the 6' x 1' hot air flue extending from the basement ceiling to near the second story ceiling, between columns Nos. 10 and 11, of the U. S. Mint building, in this city, now under your contract, and directs me to obtain from you a proposition stating the amount you will deduct from the sum to be paid you under your contract for the omission of the galvanized iron flue lining for said hot air flue and the omission of the 6" terra cotta partition enclosing the same. I will therefore thank you to forward to me, at your earliest convenience, such a proposition.

Respectfully yours,

Lee H. Bailey
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., June 16th, 1900.

Mr. J. K. Taylor,
Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I forward herewith a copy of Ordinance No. 24, Series of 1900, relative to the established grade of the alley along the south line of the site of the U. S. Mint building, in this city, under my charge, which ordinance provides for a gradual descent from the south-east corner of the site (corner of the alley and Evans Street) to the south-west corner of the site (corner of South 13th Street and the alley), which information I judged would be of use in preparing the approach plan in connection with this building.

Respectfully yours,

Lee Vining
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., June 16th, 1900.

Mr. C. E. Kemper,

Chief Executive Officer, Office of Supervising Architect,
Treasury Department, Washington, D. C.

Sir:-

Complying with instructions in Department circular (initial
S.) of December 31st, 1897, I hereby request authority to make an ex-
penditure of Five Dollars (\$5) for two photographic views of the U. S.
Mint building, in this city, under my charge, said photographic views
to be taken on the 30th instant.

Respectfully yours,

Lee Bellamy
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., June 16th, 1900.

Mr. C. E. Kemper,

Acting Supervising Architect,

Treasury Department, Washington, D.C.

Sir:-

I have to acknowledge the receipt of your letter (initial S.) of the 15th instant, directing me to submit a report on the 30th instant showing the point of advancement in each branch of work, etc., on the U.S. Mint building, in this city, under my charge.

In reply I have to state that said directions will be complied with.

Respectfully yours,

Lee Sullivan
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., June 18th, 1900.

Supervising Architect,

Treasury, Washington, D.C.

Labor union fined contractor because of marble work. He refused payment and ordered work stopped. No granite cutting or work at building to-day. Granite cutters will leave unless work is ordered resumed at once.

Ullery, Supt. Mint.

Official Business,
Gov't Rates, Col.

Office of
 Superintendent of Construction,
 U. S. Mint (Dev),

Denver, Colo., June 19th, 1900.

Mr. J. C. Taylor,

Supervising Architect, Treasury Department,
 Washington, D.C.

Sir:-

I am in receipt of your letter (initial S.) of the 16th instant, enclosing copy of report of your work addressed to Mr. J. A. Hahn, co-contractor for the Rehabilitation, Superstructure and Roof-covering of the U. S. Mint Building, in this city, relative to the progress of work under his contract, materials, etc. delivered and force employed in the work. Your instructions that I keep a careful record of materials, etc., will be supplied with.

Respectfully Yours,

Wm. H. Hahn
 Superintendent

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, June 22nd, 1900.

Mr. L. B. Strait,

Acting Custodian, U. S. Ct. H. & P. O. Building,
Pueblo, Colorado.

Dear Sir:-

I am in receipt of your letter of the 21st instant making an appointment to meet me at the Brown Palace Hotel on Sunday next, and in reply I am sorry to inform you that we are planning a trip on one of the excursions on that date.

We have friends from the east visiting us at present, some of whom will not remain but one, or possibly two, Sundays, and as they desire me to accompany them on the excursion, I will not be able to meet you at the time mentioned.

If it will be convenient for you to meet me at any time during the week, or if you will write me fully, I will be glad to give you all the assistance I can in the matter.

Hoping matters may work out satisfactorily, I am

Respectfully yours,

Wm. S. Murray
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., June 22nd, 1900.

Mr. F. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

Referring to the terra cotta work under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, I have to state that the contractor desires information relative to the height of the door openings and the construction of the terra cotta partitions over openings from main vestibule to lobby and from lobby to the stair hall in the first floor of the building, which information was asked for in two letters from this office dated May 24th, last.

As the work has proceeded to the point where said information will be needed at an early date, the contractor desires to be informed regarding the same as soon as possible.

Respectfully yours,

Lee Seligman
Superintendent.

Office of
Superintendent of Construction,
U. S. Mine (Bldg.),

Denver, Colo., June 28rd, 1900.

Mr. J. A. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

In compliance with instructions in Office letter (initial
S.) of July 18th, 1899, I have to report that the progress of work
to date under Mr. J. A. McIntyre's contract for the Foundation, Super-
structure and Roof-covering of the U.S. Mint building, in this city,
is the same as reported to you on the 15th instant, since which time
no work has been performed on the walls of the building and but
five days work on the terra cotta partitions, owing to the fact that,
in consequence of a controversy between the contractor and marble
cutters, as reported to you on the 15th instant, the contractor was
fined \$200.00 and required to secure the remaining marble needed in
the rough and have the same cut here. The contractor thereupon or-
dered all work stopped at the building and at the granite yards in
this city until such time as the marble people would modify their
offer. On the 15th instant granite cutting was resumed at the
yard with fifty cutters, which number has since been increased to
sixty, a much less small number, but the contractor's foreman prom-

ses to have it increased, yet the prospects are not favorable for obtaining the required number in the near future. It is not probable that the contractor will set any granite in the walls of the building during the remainder of this month.

So far this month, seventy granite cutters have worked fifteen and one half days; one stonemason, thirteen and one fourth days; four bricklayers thirteen days (mostly on terra cotta work); seventeen laborers, fifteen days; one painter, two and three fourths of a day, and one ironworker two days.

The average daily receipt of granite ~~material~~ ^{for this} month has been one hundred and six cubic feet.

The weather has been favorable for nineteen and one half day's work so far this month.

Respectfully yours,

Lee Vallery
Superintendent.

Office of
 Superintendent of Construction,
 U. S. Mint (West),

Denver, Colo., June 28th, 1900.

Mr. J. A. McIntyre,
 404 Cooper Building,
 Denver, Colorado.

Sir:-

I am this day in receipt of a letter from the Supervising Architect, Treasury Department, in reference to the jointing of the mullion for the chimney and vent shafts under your contract for the repainting, paper-hanging and wood-covering of the U. S. Mint building in this city, and stating that there is no objection to having the work done on the above basis as suggested.

Respectfully yours,

Lee Vetter
 Superintendent

Office of
 Superintendent of Construction,
 U. S. Mint (New),

Denver, Colo., June 25th, 1906.

Mr. J. K. Bayler,
 Supervising Architect, Treasury Department,
 Washington, D. C.

Sir:-

I have to acknowledge the receipt of your letter (initials W. A. C. J.) of the 22nd instant, in reference to the joining of the ashlar for the chimney and vent stacks of the U. S. Mint building, in which case, under my charge, and stating that there is no objection to entering the work under the same delay. The contractor has been authorized accordingly.

Respectfully yours,

Law V. L. L. L.
 Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., June 25th, 1900.

Mr. J. A. McIntyre,

#402 Cooper Building,

Denver, Colorado.

Sir:-

The Supervising Architect informs me that your representative desires to know whether favorable consideration would be given a proposition to substitute Platte Canon granite for arkios granite in the upper member of the cornice of the U.S. Mint building, in this city, under your contract, and states that no proposition has been submitted in writing for such a change.

The Supervising Architect desires to know whether you intend making such a proposition and I will thank you to inform me at once whether you desire to do so. If you are not prepared to submit such a proposition at once, will you kindly state at what time you will probably make it.

Respectfully yours,

Wm. H. Miller
Superintendent

Office of
 Superintendent of Construction,
 U. S. Mint (New),

Denver, Colo., June 25th, 1900.

Honorable Lyman J. Gage,
 Secretary of the Treasury,
 Washington, D.C.

Sir:-

I hereby certify that I have again been sick with erysipelas in the face (a third attack), and that it was so severe as to compel my absence from work for a period of four days, from June 20th to June 25th, 1900, inclusive.

I enclose a certificate from my physician.

Respectfully yours,

Robert E. Hughes
 Inspector

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., June 27th, 1900.

Mr. J. A. McIntyre,

2403 Cooper Building,

Denver, Colorado.

Sir:-

I am in receipt of your letter of the 26th instant concerning the omission of the 6' x 1' hot air flue, between columns Nos. 10 and 11, extending from the basement ceiling to near the second story ceiling, under your contract for the Foundation, Superstructure and Roof-covering of the U.S. Mint building, in this city, and making inquiry as to whether the omission of said flue is through any fault or oversight on the part of yourself.

In reply I have to state that the Supervising Architect informs me that a change in the heating arrangement requires such a modification that the said work should be placed in a future contract (likely with the Heating Apparatus), and desires you to state what you will deduct from the amount to be paid you under your contract for the omission of the galvanized iron lining of said flue and the 6" terra cotta work for the same. The 6" terra cotta partition, extending from column No. 10 to 11 in each case, as shown on the draw-

Office of
 U. S. Survey of
 U. S. (1900),

ings, will, however, remain to be constructed under your contract, and I will thank you to submit a proposition accordingly at an early date.

Respectfully yours,

Law Sillars
 Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., June 27th, 1900.

Supervising Architect, Treasury,
Washington, D.C.

Contractor says wired you asking consideration of proposition
for eastern gray granite top cornice lieu of Arkins or Platte Canon.

Ullery, Supt. Mint.

Official business,
Gov't Rates, Collect.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., June 30th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

In compliance with instructions in Department circular (initial S.) of December 31st, 1897, I have to report that the progress of work, to date, under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, consists in the construction of a portion of the south wall to bottom of Egg and Dart course of cornice and the remainder of said wall to crown of second story arches; the larger part of west wall and ends of north wall to crown of second story arches, and the remainder of said walls to about six feet above second floor line; nearly the entire east wall to cornice line, and a few pieces of the Egg and Dart course have been set on said wall, including the marble work and brick backing of all of said walls, excepting the marble arches and a few jambs in center of north wall; interior chimney to near attic floor line; steel work of first, mezzanine and second floors complete; steel work of central portion of attic floor, including columns to at-

Mr. J.K. Taylor

tic floor line; placing of steel vault linings complete; wells in basement, including cap stones on same; storm and sanitary sewers from lot line to city sewers; horizontal drain pipes in basement; nearly all the terra cotta partitions in basement, and almost half of those in the first story; brick and terra cotta arches of the first and mezzanine floors complete, and a portion of the terra cotta arches of the second floor has been placed. A considerable portion of the terra cotta arches, however, has been damaged by the weather owing to the fact that the building is not under roof and will have to be removed and new arches placed.

The controversy between the contractor and marble cutters, mentioned in my report of the 15th instant, has not yet been settled, and has interfered somewhat with the progress of the work and there are prospects of a still greater interference in the near future.

About fifteen hundred feet of Arkins granite are yet required for the building, exclusive of the top member of the cornice.

The average daily receipt of Arkins granite during the month was one hundred and four cubic feet.

During the month sixty-four granite cutters worked twenty-one and one half days; one stonemason, eighteen and one fourth days; three bricklayers, nineteen days; one painter, two and three fourths of a day; one ironworker, two days, and fifteen laborers, twenty-two days.

The weather was favorable for twenty-five and one half day's

Mr. J. K. Taylor-----3

work during the month. S

Amount of voucher issued to contractor during the month.....

.....\$ 8,205.02

Amount of vouchers previously issued on account of contracts

.....147,469.42

Total \$155,674.44

Respectfully yours,

Lee Valley
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint, (New),

Denver, Colo., June 30th, 1900.

Mr. C. R. Kemper,

Acting Supervising Architect,

Treasury Department, Washington, D.C.

Sir:-

In compliance with instructions in your letter (initial B.) of the 15th instant, directing me to submit a report showing the advancement of work on the U.S. Mint building, in this city, under my charge, and to give a brief synopsis of the work accomplished since June 30th, 1899, to date, I have to state as follows:

First. The exterior walls have been completed almost to the line of main cornice and a few pieces of the cornice have been set; the iron work has been completed to attic floor line (excepting the attic floor beams which extend from interior columns to exterior walls); the brick and terra cotta arches of the first and mezzanine floors have been placed, and a portion of the terra cotta partitions of the basement and first story has been set; the drain pipes below basement floor have been placed and the storm and sanitary sewers have been laid to city sewers.

Second. Since my report of June 30th, 1899, the exterior walls from a few feet above first floor line to near cornice line

Mr. C. H. Kemper-----2

Superintendent

U. S. National Academy of Sciences

W. S.

have been completed; the brick and terra cotta arches and partitions mentioned have been set, and a portion of the iron work of second floor and the steel vault lining have been put in place.

Concerning that portion of your letter relative to photographic views of the building, I have to state that authority was given on the 21st instant to have said views taken. I have accordingly directed the photographer to make photographic views showing the present condition of the work on the building and they will be forwarded to your Office the early part of the coming week.

Respectfully yours,

Lee V. Allen

Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., July 5th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I forward to you this day, under separate cover, two photographic views showing the progress of work on the U.S. Mint Building, in this city, under my charge, as authorized by Office letter of the 21st ultimo.

Respectfully yours,

Lee Wilber
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., July 6th, 1900.

Mr. J. A. McIntyre,
402 Cooper Building,
Denver, Colorado.

Sir:-

I am in receipt of your letter of the 5th instant relative to a deduction for the omission of the hot air flue under your contract for the Foundation, Superstructure and Roof-covering of the U.S. Mint building, in this city, referred to in my letter of the 27th ultimo, in which you state that you cannot see your way to a proposition contemplating any deduction for said work as the material for the same has been delivered and the lining cut and manufactured.

Replying I have to state that an erroneous impression seems to exist concerning this matter, as only a small portion of the terra cotta required for the work under your contract has been delivered and but little of the galvanized iron for flue linings remains on the site, probably not enough to manufacture the other flue linings which yet remain to be made, and it does not appear that the manufacture of the flue lining mentioned has ever been begun.

I will therefore thank you to again consider this matter and advise me as I cannot recommend the acceptance of a proposition to omit material not furnished or work not done unless a reasonable allowance for the same is made.

Respectfully yours,

Les. Wilcox
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., July 6th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I am in receipt of your letter (initial S,) of the 3rd instant relative to plastered partition, etc., in the rooms occupied by the Local Foreman Official in the U.S. Post Office and Court House building, Denver, Colorado, directing me to prepare a specification for the work and forward the same with my report to you, together with an estimate of the probable cost of the work.

In reply I have to state that said work will receive my prompt attention and a specification and report will be forwarded to you as early as possible.

Respectfully yours,

Lee V. Hillyer
Superintendent.

Office of
 Superintendent of Construction,
 U. S. Mint (New),
 Denver, Colo., July 28, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
 Washington, D. C.

Sir:

Referring to your letter (initial J. K. T.) of the 19th ultimo, directing me to obtain from Mr. J. A. Whinnyc, contractor for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, a proposition for the bolting or galvanizing iron flue lining and the terms with enclosure for the work, I have to say that I immediately requested the contractor to submit a proposition stating the amount he would deduct for said work.

On the 21st instant I received a proposition from him, which is herewith enclosed, stating that he could make no deduction for the bolting of said flue, etc., as the flue lining had been manufactured and the material delivered.

On the same date I wrote him stating that as only a portion of the term with required for work under his contract had been delivered and but little galvanized iron for manufacturing flue linings remained on the site, probably not enough to manufacture the other flue linings yet required, and as it did not appear that the manufacture of

3.
the flue lining in question had been begun, I requested him to reconsider the matter and advise me as I could not recommend the acceptance of a proposition to omit material not furnished or work not done unless a reasonable allowance for the same is made. In reply to my letter he has this day forwarded me the enclosed communication, declining to make any deduction for said work.

As the omission of said flue and its terra cotta enclosure will involve no waste or loss of material delivered or cut, I consider it proper that a deduction should be made for the same and as there would be required about 650 square feet of No. 22 B.W.G. galvanized iron flue lining worth five cents per square foot for the material alone, or a total of \$31.50 (said flue extending from the basement ceiling to 1'-6" below second story ceiling), and as 350 feet of 6" terra cotta partition would be required to enclose the same, the material alone being worth ten cents per square foot, amounting to \$35.00, or a total of \$66.50 for the material aside from the labor of putting the same in place, I consider it reasonable to require the contractor to deduct that amount as provided in the paragraph under "Alterations and Additions" on the page of "General Instructions and Information" in the specification for the work under his contract, and I recommend that such action be taken.

Respectfully yours,

Wm. J. J. J.
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., July 9th, 1900.

Mr. J. A. McIntyre,

402 Cooper Building,

Denver, Colorado.

Sir:-

I have to acknowledge the receipt of your letter of this date in reference to the omission of the hot air flue, etc., mentioned in my letter of the 6th instant, under your contract for the Foundation, Superstructure and Roof-covering of the U.S. Mint building, in this city. which letter has this day been forwarded to the Supervising Architect for his consideration.

Respectfully yours,

Lee Allen
Superintendent.

Office of
Superintendent of Construction,
U.S. Mint (New),
Denver, Colo., July 9th, 1900.

Mr. J. K. Taylor,
Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

In compliance with instructions in Office letter (initial S.) of July 19th, 1899, I have to report that the progress of work, to date, under J. A. McIntyre's contract for the Foundation, superstructure and Roof-covering of the U.S. Mint building, in this city, is substantially the same as reported to you on the 30th ultimo, since which time portions of the east and west walls have been carried up to near the bottom of main cornice line.

So far this month, forty-nine granite cutters have worked five and one half days; one stonemason, five and three fourth days; two bricklayers, five and one half days, and sixteen laborers, five and one half days.

The average daily receipt of Arkins granite thus far this month has been forty-six cubic feet.

The weather has been favorable for six day's work so far this month.

Respectfully yours,

[Signature]
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., July 8th, 1900.

Mr. George Simmons,

Chief of Division, Stationery, Printing and Blanks,
Treasury Department, Washington, D.C.

Sir:-

In reply to your favor of the 5th instant, relative to typewriter ribbons called for in my requisition of June 30th, 1900, I have to say that said ribbons are desired for the Remington typewriter.

Respectfully yours,

Lee. Kelley
Superintendent.

Office of
Superintendent of Construction,
U.S.S. Mint (New),

Denver, Colo., July 10th, 1900.

Mr. J.K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

Referring to instructions in your letter (initial S.) of the 3rd instant, relative to specification, etc., for partitions in the office of the Local Forecast Officials of Weather Bureau Service in the U.S. Post Office and Court House, in this city, I have to state that the said specification has been prepared and I forward the same to you herewith as directed.

About twelve hundred (1200) square feet of partition will be required, the probable cost of which will be \$300.00, and the ventilators and thimble for the gas heater flue will cost probably \$100.00, making a total cost of \$400.00 for the work.

I consider the partitions, etc., embraced in the specification necessary for the comfort and convenience of the officials named, and I recommend that the work be done accordingly.

Respectfully yours,

Lee Ellery
Superintendent.

Office of
Superintendent of Construction,
U.S.S. Mint (New),

Denver, Colo., July 14th, 1900.

Mr. J.K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I am in receipt of your letter (initial J.C.P.) of the 11th instant relative to openings Nos. 21 and 24 in the terra cotta partitions under Mr. J.A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U.S. Mint building, in this city, and requesting me to obtain from the contractor a proposition to have said openings carried only to the channel girders (at the mezzanine floor).

The terra cotta work of partitions at said doors has not been carried to the line of said girders, and I will obtain from the contractor a proposition for the work as desired.

Respectfully yours,

L. C. Alden
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., July 16th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D. C.

Sir:-

In compliance with instructions in Department circular (initial S.) of December 31st, 1897, I have to report that the progress of work to date under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, consists in the construction of a portion of the south wall to bottom of Egg and Dart course of cornice and the remainder of said wall to crown of second story arches; practically the entire west wall and ends of the north wall to crown of second story arches; the east wall to the top of Egg and Dart course of cornice, and nearly all the medallions and panels of said wall have been placed, including the brick backing and marble work of all of said walls, excepting the marble arches of six of the second story windows of north wall (some of the marble not yet having been received); interior chimney to near attic floor line; steel work of the first, mezzanine, and second floors, complete; the central portion of attic floor framing,

including the beams to east wall; all columns to attic floor line; steel vault linings complete; wells in basement, including cap stones on same; storm and sanitary sewers from lot line to city sewers; horizontal drain pipes in basement; nearly all the terra cotta partitions in basement, and almost half of those in the first story; brick and terra cotta arches of the first and mezzanine floors complete, and a portion of the terra cotta arches of the second floor have been placed.

About eight hundred (800) cubic feet of Arkins granite must yet be furnished from the quarry for the walls of the building, exclusive of the top member of the cornice.

So far this month, fifty-one granite cutters have worked eleven days; one stonemason, eleven and three fourth days; two bricklayers, ten and three fourth days; six iron workers, four days; one painter, one day, and fifteen laborers, eleven and one half days.

The weather has been favorable for twelve day's work so far this month.

Thus far this month the average daily receipt of Arkins granite has been fifty cubic feet.

No statement can be made as to the probable time for the completion of the present contract, owing to the fact that it is not known when the top member of the cornice for the building can be furnished.

Respectfully yours,

Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., July 16th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I am in receipt of your letter (initial J.C.P.) of the 12th instant, forwarding a letter of the 9th instant from Mr. J. A. McIntyre, contractor for the Foundation, Superstructure and Roof-covering of the U.S. Mint building, in this city, relative to corner finials for said roof covering, and enclosing letters of June 27th and July 6th from The American Terra Cotta and Ceramic Company and The Celadon Roofing Tile Company, respectively.

In January, last, upon the receipt of the first consignment of roof tile for the building, I rejected a portion of it, informing the contractor's foreman that it was not satisfactory, and I forwarded to you two pieces of the same on January 24th, one piece showing the kind of tile I had rejected. Your letter of February 2nd approved my action and directed that I should allow no material not conforming to the requirements of the specification or the approved sample to be deposited on the premises or placed on the building.

The contractor's business manager (Mr. Truxton) notified the

Mr. J. K. Taylor

Celadon Roofing Tile Company of the rejection of some of the material and their Mr. Hess (whose signature appears on the said company's letter, forwarded to you by Mr. McIntyre), in company with Mr. Truxtun, soon visited the building and examined the tile which had been rejected. Mr. Hess admitted that the said tiling was not vitrified as required by the contract, and informed me that he would have the unsatisfactory material taken away and re-burned and would make it satisfactory. Mr. Hess then asked permission to leave it here a short time, until he could make arrangements for said re-burning. He positively assured me that he could re-burn the material and make it satisfactory. In order to facilitate matters, I granted his request which was satisfactory to Mr. Truxtun, as the contractor's representative.

A few days after Mr. Hess's visit the finials arrived and upon examination, without uncrating them, I found that they were not vitrified (as the American Terra Cotta & Ceramic Company acknowledge in their letter of June 27th) and I informed the contractor's foreman that the finials were not vitrified as required by the specification but appeared to be either painted or glazed, which the specification prohibited (the Celadon Company in their letter refer to the process as semi-glazing). I pursued the same course relative to finials I had followed regarding the roofing tile, except that I also told the foreman that Mr. Hess intended taking away the hip rolls and re-burning them and that if they desired they could let the finials remain until the hip rolls were taken away for re-burning and all could be taken

Mr. J. K. Taylor-----3

away for re-burning together. He seemed to think this the better plan and the finials remained and were never uncanted.

Other matters engaged my attention, and as considerable time would elapse before the roof tile would be needed, I did not request the contractor to hurry the roofing tile people about the re-burning of the tile. However, early in June a new corner finial was delivered to replace a broken one previously received and I was led to believe that plans had been changed relative to the re-burning, and I informed the contractor's foreman that the matter of re-burning the hip rolls and finials must be taken up at once, and the letters enclosed to you by Mr. McIntyre are the result of said action.

If the material can be re-burned as Mr. Hess, the Assistant Secretary and Treasurer of the Celadon Roofing Tile Company said they could be, then the same can now be re-burned and be ready for use long before the contractor is ready to put the finials in place. If the materials cannot be re-burned, then I was misinformed by Mr. Hess, who was brought here by Mr. McIntyre's representative and who approved of the arrangement mentioned, which I considered would best serve to expedite the work.

The American Terra Cotta and Ceramic Company say in their letter of the 27th ultimo that such finials could not be produced with a vitrified body and that no better ones than those furnished can be produced anywhere.

I forward to you, under separate cover, a piece marked No. 1

Mr. J. K. Taylor-----4

obtained from the broken finial, for your inspection so that you may judge whether the finials are as good as can be produced. I also forward for comparison a piece of tile marked No. 2 which is approximately like the sample approved for the work.

I consider my action in rejecting the finials was in line of the requirements of the specification, and granting permission to leave the under-burnt tile here until arrangements could be made for re-burning was not detrimental to the interests of the Government or the contractor but was intended as an accommodation to him, and as the contractor is not now and likely will not within the next six months be ready to put the finials in place, no delay has been caused to the work by the action taken.

I recommend that the contractor be informed that while the finials are not vitrified as required by the specification, so as to produce the required color by burning and not by a coating, the finials furnished may be used provided he furnishes the manufacturer's guaranty that the coating on them is durable and that the present color is permanent.

I return herewith the contractor's letter and its enclosures mentioned above, as directed in your letter.

Respectfully yours,

Lu. C. C. C.
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),
Denver, Colo., July 16th, 1900.

Mr. P. L. Gilman,
Cotopaxi, Colorado.

Sir:-

I am in receipt of your letter of this date and also a small sample of granite which you say you can furnish as a substitute for the Arkins granite for the cornice of the U. S. Mint building in this city.

Replying, I have to state that a proposition to substitute any stone for the Arkins granite now under contract should be made by Mr. McIntyre to the Supervising Architect of the Treasury Department, yet that matter is in such shape that I do not think it advisable to encourage you in any effort to secure the substitution of Cotopaxi granite.

Respectfully yours,

Lee Gilman
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., July 17th, 1900.

Mr. J. H. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I am in receipt of your letter (initial J.H.T.) of the 14th instant, relative to galvanized iron flue lining and terra cotta enclosure for the same, between columns Nos. 10 and 11, of the U.S. Mint Building, in this city, under contract with Mr. J. A. McIntyre, and directing that I instruct the contractor to place the flue and enclosure in accordance with his original contract.

In this connection, I desire information and instructions requested in my letter of May 22nd, last, namely, that in view of the fact that the iron work according to the plans has been put in place allowing 6'-0" X 1'-0" from centers of the beams enclosing the opening through which the flue lining will pass, the flanges of said beams, together with the terra cotta fire-proofing on same, would reduce the size of the opening to about 5'-0 1/2" X 9'-10 1/2", I desire to know whether I shall direct the contractor to cut off the flanges of said beams in order to construct the flue of the size shown on the draw-

ings, or permit the construction of the Flue 5'-3-1/2" x 0'-10-1/2",
making the flue lining of the same size throughout.

Respectfully yours,

Lawrence
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),
Denver, Colo., July 23rd, 1900.

Mr. J. A. Sutherland,
Office of the Supervising Architect,
Treasury Department, Washington, D.C.

Dear Sir:-

We have had a visit from Mr. A. A. Packard, Inspector, and I wish you would send me a copy of his report when it is received at the Office.

Mr. Packard had a private conference with Mr. McIntyre and his attorney, Mr. Dewese, on Friday afternoon and Saturday forenoon, and while before the interview he expressed himself as pleased with the building, stating that he considered that I had been very reasonable with the contractor in accepting granite, etc., he did not seem so positive concerning the same after the interview, and I am anxious to know what his report showed.

He seems to be a man who would favor a contractor to avoid a controversy which makes it difficult for a superintendent to enforce the provisions of a contract after the contractor is aware of the fact that an inspector favors his contentions in the least. I judge from what he said that he did not favor Mr. Fouchey in his con-

tention with the contractor in Kansas City.

Please consider this confidential, and if necessary, after receiving the report, I will write an official letter to the Office relative to the same.

I have been as liberal to the contractor as my obligations to the Government would permit, and I am satisfied that the Department would not permit more than I have allowed, although it would be easy enough for a superintendent to get along with contractors if the Department wished the superintendent to let the contractors have their own way and use any material, as some of them would like.

Respectfully yours,

Geo. H. H. H.
Superintendent.

Office of
 Superintendent of Construction,
 U. S. Mint (New),

Denver, Colo., July 23rd, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
 Washington, D.C.

Sir:-

In compliance with instructions in Office letter (initial
 S.) of July 19th, 1899, I have to report that the progress of work under
 Mr. J. A. McIntyre's contract for the Foundation and
 Roof-covering of the U. S. Mint building at this city, is substantially
 the same as reported to you on the 16th instant, since which date some
 additional granite has been put in place on the south and west walls
 of the building.

So far this month, fifty-five granite cutters have worked
 sixteen and one half days; one stonemason, seventeen and one fourth
 days; two bricklayers, twelve and one half days; five iron workers,
 eight and one half days; one painter, one day, and fifteen laborers,
 seventeen days.

The weather has been favorable for seventeen and one half
 day's work thus far this month.

The average daily receipt of Arkins granite so far this
 month has been fifty-three cubic feet.

The controversy between the contractor and marble cutters.

mentioned in my report of June 15th, last, has not yet been settled. I understood on the 21st instant that Mr. McIntyre assured Mr. Packard that he would pay the fine levied against him (because the marble used in the building was cut by non-union men at the works of F.P. Bagley & Company, of Chicago, and amounting to \$250.), and that the work would proceed uninterruptedly. I understand this morning, however, that the contractor has again changed his mind and will not now pay the fine, in consequence of which refusal, the prospects are that the bricklayers, stonemason, etc., will be called from work on the building.

Respectfully yours,

Lep. Willey
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., July 23rd, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I am in receipt of your letter (initial S.) of the 20th instant, enclosing a copy of Department letter of the 18th instant addressed to Mr. J. A. McIntyre, contractor for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, under my charge, relative to the progress of work under his contract.

Respectfully yours,

Leo Valley
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., July 26th, 1900.

Mr. J. A. McIntyre,

402 Cooper Building,

Denver, Colorado.

Sir:-

I am in receipt of a letter of the 23rd instant from the Office of the Supervising Architect, Treasury Department, Washington, D.C., relative to the four terra cotta finials delivered at this building for use under your contract for the Foundation, Superstructure and Roof-covering of the U.S. Mint building, in this city, stating that, while the finials are not vitrified, as required by the specification, the Office will favorably consider a proposition to permit the use of said finials provided you furnish the manufacturer's guarantee that the coating on them is durable, that the present color is permanent and that should any defects develop during the next five years in the material or coloring matter thereon, they will remove the finials and replace them with satisfactory ones without expense to the Government.

If you desire to use the finials furnished, I will thank you to submit a proposition accompanied by the guarantee as called for in order that action may be taken by the Office looking to their use under your contract.

Respectfully yours,

Wm. E. Kelley
Superintendent

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., July 26th, 1900.

Mr. P. S. Garretson,
Acting Supervising Architect,
Treasury Department, Washington, D.C.

Sir:-

I am in receipt of your letter (initial J.C.P.) of the 23rd instant relative to permission to use the finials delivered for use under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, a guarantee to be furnished as regards their durability, etc., and I have written the contractor requesting such a proposition.

Respectfully yours,

Lee C. Allen
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., July 27th, 1900.

Mr. C. E. Kemper,

Acting Supervising Architect,

Treasury Department, Washington, D.C.

Sir:-

I am in receipt of your letter (initial S.) of the 24th instant authorizing the taking of competitive bids for the placing of partitions, etc., in the tower of the U.S. Court House and Post Office Building, in this city, which action will at once be taken.

Respectfully yours,

Law V. Berry
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),
Denver, Colo., July 27th, 1900.

Mr. C. B. Kemper,
Acting Supervising Architect,
Treasury Department, Washington, D.C.

Sir:-

I am in receipt of your letter (initial W.A.C.) of the 24th instant, relative to the flue lining passing between certain columns in the U.S. Mint Building, in this city, under contract with Mr. J. A. McIntyre, directing that the flue shall be constructed according to the original contract, etc., and in reply I have to state that I have this day informed the contractor accordingly.

Respectfully yours,

Wm. H. H. H.
Superintendent.

Office of
Superintendent of Construction,

U. S. Mint (New),

Denver, Colo., July 27th, 1900.

Mr. J. A. McIntyre,

402 Cooper Building,

Denver, Colorado.

Sir:-

Referring to the 6' x 1' hot air flue to be constructed between columns Nos. 10 and 11 under your contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, for the omission of which you were on June 16th and 27th and the 5th instant requested to submit a proposition stating the amount you would deduct from the sum to be paid you under your contract, and your letter of July 9th declining to make any deduction for the same, the Supervising Architect directs that, inasmuch as no deduction will be allowed for such omission, I shall direct you to place the flue lining and enclosure for the same in accordance with the original contract and as shown on the drawings, making the necessary constriction in the galvanized iron flue lining to pass the beams in the floors without cutting the flanges thereof, which direction from the Supervising Architect must be followed in performing the work.

Respectfully yours,

Geo. S. Kelley
Superintendent

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., July 31st, 1900.

Mr. J. M. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

In compliance with instructions in Department circular (initialled S.) of December 31st, 1897, I have to report that the progress of work, to date, under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, consists in the construction of the south wall to the bottom of Egg and Dart course of cornice (excepting a few pieces of the courses immediately below), and a few pieces of said Egg and Dart courses have been set; the west wall to the same height as the south wall; the east wall complete, excepting the top member of the cornice; the ends of the north wall to cornice line, and the remainder of the north wall to springing line of the second story arches, including the marble work and brick backing of said walls (except the marble arches of six of the second story windows); interior chimney to near attic floor line; steelwork of the first, mezzanine and second floors complete; all attic floor, except beams from central

columns to north and west walls; all columns complete, and a portion of the roof deck framing; the steel vault linings complete; wells in basement, including cap stones on same; storm and sanitary sewers from lot line to city sewers; horizontal drain pipes in basement; nearly all the terra cotta partitions in basement; about half of those in the first story; brick and terra cotta arches of the first and mezzanine floors, complete, and a portion of the terra cotta arches of the second floor have been placed.

A few pieces of marble for the second story arches and twelve marble capitals are yet lacking. The contractor informs me that the same was to have been shipped from Chicago last week.

I am informed that the contractor has paid the fine levied by the marble cutters, and mentioned in my report of the 24th instant, which action averted a strike among union men employed on the building.

Concerning the possibility of completion of the work, I have to state that the same depends upon the time of securing the remainder of the cornice. It is contemplated that the contractor will obtain said granite by the end of September, at which time the remaining granite for the walls and chimneys will have been supplied, cut and practically all set, so that by the end of December, next, the present

contract should be completed. If arrangements are made at once for securing the top member of the cornice (102 pieces in all), it can be cut in two weeks by one hundred granite cutters, and as it is contemplated that this will be done in the east, it would seem possible by proper management to have this material here ready for setting in September, as stated above.

During the month fifty-five granite cutters, worked twenty-three days; one stonemason, twenty-one days; two bricklayers, fifteen and three fourths days; one painter, two days; four iron workers, fifteen days, and fourteen laborers, twenty-four days.

The weather was favorable for twenty-four and one half days during the month.

The average daily receipt of Arkins granite during the month was sixty-three cubic feet.

Amount of voucher issued to the contractor during the month,

-----\$ 7,854.30

Amount of vouchers previously issued on account of contracts,

-----\$155,674.49

Total

-----\$163,528.79

Respectfully yours,

Lee H. Bailey
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., August 6th, 1900.

Mr. J. A. McIntyre,
402 Cooper Building,
Denver, Colorado.

Sir:-

I am in receipt of a letter from the Supervising Architect, Treasury Department, relative to the use of Maine gray granite from Davidson Brother's quarry in a portion of the cornice of the U.S. Mint building, in this city, under your contract, requesting information as to the probable date when delivery of said granite at the building will be made and whether it will be cut ready for setting at the time of delivery, and I will thank you to furnish me this information as early as practicable.

Respectfully yours,

Lee Vining
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., August 6th, 1900.

Mr. J. K. Taylor,

Supervising Architect,

Treasury Department, Washington, D.C.

Sir:-

I am in receipt of your letter (initial S.) of the 3rd instant, enclosing a copy of Inspector A.A. Packard's report, dated the 23rd ultimo, relative to work on the U.S. Mint building, in this city, and your reference to the terra cotta floor arches mentioned in said report, and the Maine granite for the cornice, has been noted.

In reply, I have to state that I have requested the contractor to inform me as regards the time of delivery of the Maine granite for the cornice, and concerning the matter of testing the terra cotta floor arches, I will say that inasmuch as some time will probably elapse before the building is under roof and further damage to the terra cotta is therefore likely owing to its exposure to the weather, I do not consider it expedient to make any test of the strength of the terra cotta floor arches at this time, but will outline a method of test and submit the same for approval, etc., at some future time as directed in your letter. I shall also endeavor to induce the con-

tractor to increase the force of granite cutters when possible, so that he can complete the cutting of all Arkins and Platte Canon granite yet required for the building by the time the Maine granite is received in order that the latter may be then immediately put in place.

Respectfully yours,

Geo. E. Kelley
Superintendent.

Office of
 Superintendent of Construction,
 U. S. Mint (New),

Denver, Colo., August 8th, 1900.

Mr. J. K. Taylor,

Supervising Architect,

Treasury Department, Washington, D.C.

Sir:-

In compliance with instructions in Office letter (initial S. J. of July 18th, 1899, I have to report that the progress of work, to date, under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, is practically the same as reported to you on the 31st ultimo, since which time the south wall of the building has been completed to the cornice line and nearly half the cornice, except the top member, has been placed; the west wall has been completed to cornice line, excepting a few pieces, and considerable work has been done riveting the attic beams and columns mentioned in my said report as having been put in place.

So far this month, sixty-four granite cutters have worked six and one half days; one stonemason, six days; one bricklayer, four and one half days; five iron workers, seven days, and eleven laborers, seven days.

The weather has been favorable for seven day's work thus far this month.

The average daily receipt of Arkine granite so far this month has been twenty-three cubic feet.

Respectfully yours,

Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., August 6th, 1906.

Mr. C. E. Kemper,

Acting Supervising Architect,

Treasury Department, Washington, D. C.

Sir:-

In accordance with authority given in your letter (initial S.) of the 24th ultimo, I obtained bids for partitions, etc., in the office of the Weather Bureau in tower of the U. S. Court House & Post Office building, in this city, which bids were opened at 2 o'clock today, a synopsis of which is herewith enclosed.

The amounts of the bids are in excess of the amount of my estimate. The lowest bidder states that the largest amount of his bid is for the iron work, the company that furnished the iron work for partitions put in place in said building in January, last, having quit that class of work and other iron workers of the city being unwilling to give a low bid for the work.

The three partitions to be constructed are each ten feet long and the stair enclosure measures twenty-four feet, making a total of fifty-four lineal feet of partitions twelve feet high, which with the four ventilators and thimbles for flue from gas heater in

printing room, constitute the amount of work to be done.

The partitions might be constructed of terra cotta at considerable less cost than indicated by the bids enclosed but would encroach more upon the small amount of space allowed in the rooms of said office, so that in order to economize space and as it will probably be impossible to obtain lower bids for constructing the partitions of steel and also as the work is necessary and should be done as early as possible, I recommend that the proposal of Mr. Charles J. Dunn, in amount \$567.00, be accepted, Buckhorn Hard Wall plaster to be used.

I enclose herewith the proposals of Wicklem and Ederholm Building and Mantel Company, A.R. Thompson and Company and Charles J. Dunn, together with their certified checks in amount \$78.50, \$67.40 and \$70.00, respectively, and a copy of the specification for the work.

Respectfully yours,

Lee Gilberg
Superintendent

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., August 9th, 1900.

Mr. J. E. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I desire information regarding the construction of portions of the terra cotta partitions in the first story of the U.S. Mint Building, in this city, under my charge, extending from columns 21 to 28 (over the passage-way leading from main entrance vestibule to corridor) also between columns 22 and 27 over the passage-way leading from the corridor to stair well.

On drawing No. 10, the section would indicate that the terra cotta work mentioned, extending from columns 21 to 28, is to begin about two feet below the steel channels, whereas, no steel plate lintel has been provided over said passage-way, and the terra cotta can not be suspended below said channels.

I desire to know whether it would be satisfactory to have this portion of the terra cotta begin at the soffits of said channels and extend to the ceiling, or should a steel plate lintel be required and the terra cotta begin below the channels as indicated.

The section referred to on drawing No. 10 shows two channels

from column 22 to column 27 over the passage-way from corridor to stair well, whereas drawing No. 32 provides for a 12" I-beam at that point which has been put in place. The section referred to also indicates that the terra cotta partition from passage-way to stair well is to be constructed of the same thickness as other portions of said partition, namely, 1'-6 3/4", and as a partition of that thickness can not be built on and over the 12" I-beam without a steel plate lintel as provided over door-openings, I desire to know whether it would be satisfactory to construct said partition from the soffit line of the I-beam to the ceiling, extending from columns 22 to 27 of 6" terra cotta or should a steel plate lintel be required and secured to the bottom of the I-beam.

This information was requested in my letter of May 24th, last, but if said letter was answered your reply was evidently lost as it failed to reach me.

Respectfully yours,

Lee Ellery
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (Nev),

Denver, Colo., August 11th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

Referring to Inspector A. A. Packard's report of the 23rd ultimo, on work under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, which report was enclosed in Office letter of the 3rd instant, and, making mention of my "too literal interpretation of the requirements of the contract", I consider it advisable for me to write you, since I am informed by Mr. Baines (the contractor's foreman), that Mr. Packard let the contractor know his views and led him to believe that something would be done for him at the time of final settlement, - an implied acknowledgment that too much had been exacted from him in the work.

I consider it indiscreet for an inspector to inform a contractor that he favors his side of a controversy, especially when the inspector may be misled or may possibly err in his opinion. I can notice that the contractor has been influenced by the late develop-

Mr. J. K. Taylor-----

ments, and he has this week published a signed article in two of the leading papers of this city concerning his difficulties and states that the delays are due to my "petty interfering tactics", referring, of course, to my rejection of bad materials he offered for use under his contract. He was not willing until recently to put his signature to what he had written for publication.

It is well to know from what standpoint an inspector takes his views before you decide whether a superintendent has or has not been fair. I consider Mr. Packard more lenient than is customary for the Office to expect, which is shown by the following facts:

In your letters of January 18th and February 3rd, last, you refused to permit the use of two colors of granite together, as shown by samples Nos. 1 and 2, sent to you from here. Mr. Packard thought differently, and said that no one could see any difference in the colors of the two stones after they were dressed. The samples sent you (two feet square) were each dressed on one face which enabled you to judge the effect of dressing.

In your letter of February 2nd, last, after I had sent you pieces of roofing tile delivered here and informed you that I had rejected tile of the lighter color, which was underburnt (not vitrified), you approved my action and directed me not to allow the use of underburnt tile, etc. Mr. Packard, however, considered it proper to use all the tile and scatter the different colors over the roof as as not to

Mr. J. K. Taylor-----3

show large spots as would be the case if pieces of each color were grouped.

In Office letter of November 30th, 1898, a letter to the contractor was enclosed informing him that the brick he had then submitted were rejected as not fulfilling the requirements of the specification. The bricks forwarded at that time were taken from a lot of brick which I had rejected as not equal to the original sample, approved May 17th, 1898, or at least not so good as the original sample appeared from an outside inspection. The original sample when broken did not show a satisfactory interior, yet Mr. Packard compared a piece of one of the best bricks furnished with the interior of the approved sample and said "Why, that it as good a brick as the sample". From which statement I am led to believe he would have accepted brick such as were rejected by said Office letter of November 30th, 1898, as I am quite sure the contractor sent you as good Bricks as could be found among those I had rejected. I was not willing to let the contractor take any advantage of the deception accomplished by having such a sample approved in your Office.

I forward to you, under separate cover, a part of the approved sample that you may see what it really is and that you may decide whether it would be satisfactory to accept brick as poor as the interior of the sample. We have, to be sure, gotten much better bricks than the sample, but the sub-contractors furnishing the brick did not make for delivery any brick like the sample, and other substitutes offered

Mr. J. K. Taylor-----

were inferior to the sample, hence my action.

I do not make this statement to criticise Mr. Packard, but to show from what standpoint he views the requirements of the contract, and to show, if possible, that I merit the continuance of the faithful support I have received from the Office heretofore in the discharge of my duties here.

I fear that Mr. Packard is not firm in his opinions, as on the 19th ultimo, after the contractor and his attorney had complained to him, I showed him the building and some of the stone rejected at the stone yard and he told me voluntarily that he thought I had been very liberal with the contractor. After spending the afternoon of the 20th ultimo and forenoon of the 21st with the contractor in the office of his attorney, Mr. Packard seemed to think that I had been very strict. I then showed him correspondence giving official instructions and discussed matters of the contract with him, and when he left me on the evening of the 21st he seemed to have changed his mind and advised me to get along with the contractor as well as possible for the short time remaining, adding "not that I would advise you to be any more lenient than you have been, but try to get along with him". On the 23rd ultimo, while it appears he was still in this city, he reported to you that he was inclined to believe that I had "interpreted the specification too literally", so it appears he had changed his mind again. I hope his decision did not depend upon which side of the case was presented last.

Mr. J. K. Taylor-----

He said that he had talked with outside parties concerning the matter, and intended to have a conference with another disinterested, outside party regarding the matter. In his report to you he also states that he consulted other parties about the case, and yet the materials accepted and the materials rejected (except the brick) could be seen on the site and the stoneyard, as could also the contract and instructions given by correspondence, and I supposed that an inspector could have decided from these without displaying Government affairs before outside parties.

In this connection I wish also to state that the contractor's attorney, Mr. Dewees, seems not to have a good reputation. Mr. Baines (the contractor's foreman) gives him a bad name, and Mr. Hayes (formerly of Hayes & McGillvray, who built the Post Office here) without knowing the object of my inquiry, says that Mr. Dewees is a black-waller, so that probably his statements to an inspector or to you are not to be relied upon. This is the style of man that best suits the purpose of the contractor who has discarded Mr. Hartzell (a reputable attorney) who was until recently his attorney, owing to circumstances which the contractor could not control.

Mr. McIntyre has, I understand, been in the habit of giving trouble in all his contracts. Mr. Harris, ex-President of the Board of Public Works of this city, told me before the Mint contract was awarded that Mr. McIntyre, who had some city paving contracts during Mr. Harris' term of office, gave the Board more trouble than all other

Dr. J. B. Taylor, Jr.

contractors together. He gave me some copies of selected letters, with his endorsement, relative to Mr. McIntyre in February or March, 1888, (or possibly as late as April) and requested me to present them to you in hopes to prevent awarding the contract to Mr. McIntyre, saying that if Mr. McIntyre was given the contract he would be sure we could get a good building. I forwarded these letters to you at that time, and if they are obtained from the files they may show that my controversy with me is a repetition of what he has had with others, and give you some idea of what we have had to contend with.

I have to request that Mr. Butler's name be not mentioned in my correspondence concerning this matter. For several months past he has kept me informed regarding Mr. McIntyre's conduct, and his intentions, so far as he knew, and, although he is the contractor's friend and his most valuable and only practical aid, he would be glad to do if the contractor knew he gave us these items of information.

I have gone into this matter to this length because I consider that while I have endeavored to protect the interests of the Government, I have not been unfair to the contractor, and if he is given or is understood that you believe I have obtained the plan from him then my usefulness in carrying the requirements of the contract will be increased or destroyed, and I have, since Mr. Butler's visit, more than before, been anticipating further communication with the contractor.

Respectfully yours,

John A. Kelley
Superintendent

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., August 14th, 1933.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

Referring to your letter (initial S.) of the 3rd instant, requesting me to ascertain from the contractor the date of shipment of Maine granite for use in the cornice of the U.S. Mint building, in this city, under contract with Mr. J. A. McIntyre, I forward herewith a letter of the 13th instant from Mr. McIntyre informing me that said material will be ready for shipment "within sixty days from this date and will thereafter follow promptly".

It would appear from this letter that shipment of the granite from Maine is expected to begin about the middle of October and continue from that time on, so that it seems that none of the material will reach this point prior to November, and if shipments continue irregularly, it is probable that considerable of the winter will have elapsed before said cornice has been put in place ready for the roof covering. This would not be very commendable haste in this matter, and I have informed the contractor that it is desired, if possible, to have all the cornice set ready for the placing of the roof covering not later than October 1st, next.

Respectfully yours,

Office of
Superintendent of Construction,

U. S. Mint (New),

Denver, Colo., August 14th, 1900.

Mr. J. A. McIntyre,

402 Cooper Building,

Denver, Colorado.

Sir:-

I am in receipt of your letter of the 13th instant relative to the delivery of Maine granite for use in the cornice of the U.S. Mint building, in this city, under your contract, and I have forwarded said letter to the Supervising Architect for his consideration.

As it would appear that the first shipment is not expected prior to the middle of October and some weeks will elapse previous to its receipt at the building, with other shipments to follow later, it is likely that considerable of the winter will elapse before the roof covering can be put in place and it is hoped that you can hasten the delivery of said granite materially as the Department desires, if possible to have the cornice set complete ready for the roof covering not later than October 1st, next.

In this connection I wish to suggest the advisability of urging the early shipment of the Platte Canon granite for the areas, etc., at this time in order that the same may be cut and ready for setting when the remaining granite work is out of the way and before the bad weather sets in, which might cause delay.

Respectfully yours,

John B. Brown
Superintendent

Office of

Superintendent of Construction,

U. S. Mint (Bldg.),

Denver, Colo., August 14th, 1900.

Mr. J. A. McIntyre,

402 Cooper Building, Denver, Colorado.

Sir:-

I am in receipt of your letter of the 13th instant enclosing letter of the 7th instant from the Celadon Roofing Tile Company guaranteeing the durability, etc. of the terra cotta roof finials to be used under your contract for the Foundation, Superstructure and Roof-covering of the U.S. Mint building, in this city, which letters have been forwarded to the Supervising Architect for his consideration.

Respectfully yours,

Lee S. Allen
Superintendent.

Office of
Superintendent of Construction,

U. S. Mint (New),

Denver, Colo., August 14th, 1900.

Mr. J. E. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I forward herewith a guarantee furnished by the Celadon Roofing Tile Company regarding the durability, etc. of the terra cotta roof finials to be put in place under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U.S. Mint building, in this city, in accordance with Office letter of the 23rd ultimo.

Respectfully yours,

Lee Selby
Superintendent

Office of
Superintendent of Construction,
U. S. Mint (New),
Denver, Colo., August 14th, 1900.

Chief Quartermaster, U.S.A.,
Headquarters Department of the Colorado,
Denver, Colorado.

Sir:-

Replying to your favor (initial S.) of the 13th instant,
relative to the delivery of one case of stationery, I have to request
that the same be delivered at this office, southwest corner of Colfax
Avenue and Evans Street, this city.

Respectfully yours,

Law Curry
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., August 15th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

In compliance with instructions in Department circular (Initial S.) of December 31st, 1897, I have to report that the progress of work, to date, under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, consists in the completion of the south wall to the top line of modillions (except in center where a few cornice pieces are lacking); about half the west wall to the same height and the remainder to the bottom of cornice line; the east wall complete to the top line of the cornice modillions; the ends of the north wall to the bottom of cornice line and the central portion of said wall to springing line of second story arches (work on said wall being delayed owing to the failure to receive marble); including the brick backing and marble work of said walls; interior chimney to near attic floor line; steelwork of the first, mezzanine and second floors complete; attic floor complete, except from columns to north wall; all columns complete, and a portion of the roof framing;

steel vault linings complete; walls in basement including cap stones on same; storm and sanitary sewers from lot line to city sewers; horizontal drain pipes in basement; nearly all the terra cotta partitions in basement; about half of those in the first story; brick and terra cotta arches of the first and mezzanine floors, complete, and a portion of the terra cotta arches of the second floor have been placed.

About twelve marble capitals and six pieces of second story marble arches are yet lacking.

The average daily receipt of Arkins granite so far this month has been thirty-eight cubic feet. A few hundred feet of said granite are yet lacking to complete the work on the building, including the chimneys. The contractor's foreman promises to secure the Platte Canon granite at once for the areas, steps, etc., and also to begin work immediately.

So far this month sixty-five granite cutters have worked twelve days; one stonemason, ten and one half days; one bricklayer, eight and one half days; five iron workers, thirteen days, and eleven laborers, twelve and one half days.

The weather has been favorable for thirteen day's work so far this month.

Concerning the time of completion of this contract, I have to state that it will depend upon the promptness in delivering and setting the top member of the cornice which is to be received from

Mr. J. K. Taylor-----3

the East. The contractor should be directed to hasten the shipment of said granite as much as possible, regarding which I refer you to my letter of the 14th instant and to the enclosures therewith.

Respectfully yours,

Lea Bailey
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., August 18th, 1900.

Mr. J. A. McIntyre,
402 Cooper Building,
Denver, Colorado.

Sir:-

I have to inform you that the Supervising Architect of the Treasury Department desires to make some alterations in the terra cotta work, etc., under your contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, and directs me to obtain a proposition from you for constructing a 6 inch terra cotta partition in lieu of the 18 inch from the 12" I-beam to the ceiling between columns 22 and 27, of the first story; also for the removal of the two 12 inch channels now in place between columns 31 and 28 in the first story, and the omission of the terra cotta partition from said channels to the ceiling, the soffits of the girders of the second floor framing to be fire-proofed as elsewhere.

It is assumed that this change will involve no additional expense to the Government, and I will thank you to forward to me a proposition for the changes mentioned as early as possible.

Respectfully yours,

Leah Bellamy
Superintendent

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., August 18th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I am in receipt of your letter (initial W.) of the 15th instant, relative to securing a proposition from the contractor for the Foundation, Superstructure and Roof-covering of the U.S. Mint building, in this city, for modifications in the terra cotta work, etc., between columns 23 and 27 and 21 and 23 of said building, and in reply I have to state that I have this day requested the contractor to forward a proposition for the modifications in accordance therewith.

Respectfully yours,

W. C. Sillery
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., August 21st, 1900.

Mr. J. K. Faylor,

Supervising Architect, Treasury Department,
Washington, D. C.

Sir:-

I am in receipt of your letter (initial S.) of the 18th instant enclosing copy of Department letter of same date addressed to Mr. J. A. McIntyre, contractor for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, relative to the delivery of Maine granite for a portion of the cornice of said building, reference being made to the contractor's statement that said material will be ready for shipment within sixteen (16) days from August 18th, 1900, whereas the records of this office indicate that his statement was "within sixty (60) days" from the date of his letter, August 18th, 1900.

Office and Department letters referred to have been placed on file for use in connection with final settlement, as directed.

Respectfully yours,

Wm. C. Kelley
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., August 23rd, 1900.

Mr. C. E. Keaper,

Chief Executive Officer,

Office of the Supervising Architect,

Treasury Department, Washington, D.C.

Sir:-

I have to request authority to make an expenditure of
Three Dollars (\$3) for repairs to plumbing in toilet room of the
temporary office at the U.S. Mint building, in this city, under my
charge.

Respectfully yours,

Lee G. Gentry
Superintendent

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., August 23rd, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

In compliance with instructions in Office letter (Initial S.) of July 19th, 1899, I have to report that the progress of work, to date, under Mr. J. A. McIntyre's contract for the Foundation, Super-structure and Roof-covering of the U. S. Mint building, in this city, is substantially the same as reported to you on the 15th instant, since which time a portion of the remaining granite cornice for the south wall has been set; part of the steel framing of the skylight has been put in place; the work of putting in the cast iron down spouts has begun, and excavation for the coal vault has been nearly completed.

All the Arkansas granite needed for the building has been delivered at the stone-yard, and will likely all be out by the 30th of September. The Platte Canon granite for the areas, steps and coal vault has been ordered and the sub-contractor informs me that he will quarry and ship the same at once.

I have been informed that the remaining marble required

was shipped from Chicago on the 20th instant and should arrive in order to be put in place the beginning of next week, so that all things being considered, the work should be completed and ready to receive the upper member of the cornice by the latter part of September.

The time for completing the work now under contract depends upon the promptness of delivery of the granite for the top member of the cornice, which is to be shipped from Maine.

So far this month, sixty-four granite cutters have worked eighteen and one half days; one stonemason, fourteen and one half days; one bricklayer, fourteen and one half days; one plumber, four days; five ironworkers, eighteen days, and twelve laborers, nineteen and one half days.

The weather has been favorable for twenty day's work thus far this month.

Respectfully yours,

Lee Bulley
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., August 23rd, 1900.

Mr. J. A. McIntyre,

402 Cooper Building,

Denver, Colorado.

Sir:-

I am in receipt of your letter of the 22nd instant making proposition for modification and omission of terra cotta and steel work between columns 22 and 27 and 21 and 28 in the first story of the U.S. Mint building, in this city, under your contract, said modification to be without additional expense to the Government.

Your proposal has this day been forwarded to the Supervising Architect of the Treasury Department for his consideration.

Respectfully yours,

Lawrence
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., August 23rd, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I enclose herewith proposal from Mr. J. A. McIntyre, contractor for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, for modification and omission of terra cotta and steelwork, between columns 22 and 27 and 31 and 36, in the first story of said building, in accordance with instructions in your letter (initial W.) of the 15th inst., said modification to be without additional expense to the Government, and I recommend that his proposal be accepted.

Respectfully yours,

Leo Barry
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., August 25th, 1900.

Mr. C. E. Kemper,

Acting Supervising Architect,

Treasury Department, Washington, D.C.

Sir:-

I am in receipt of your letter (initial H.G.S.) of the 22nd instant advising me that the Department has rejected the proposals for partitions, etc., in the Weather Bureau Office, U.S. Court House and Post Office building, in this city, and directing me to prepare a specification for this work providing terra-cotta partitions in lieu of steel and invite proposals for performing the work, etc., which directions will be followed.

Respectfully yours,

Law Curry
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New).

Denver, Colo., August 29th, 1900.

Mr. J. K. Taylor,
Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

Referring to Office letter (initial J.C.P.) of the 2nd instant, informing me that a sample of approved granite for a portion of the cornice of the U.S. Mint building, in this city, under contract with Mr. J. A. McIntyre, had been forwarded to me for my guidance in accepting material, I have to state that said sample has not yet been received and I suggest that some inquiry be made relative to its shipment, in order that the same may be delivered prior to the receipt of the granite for use in the building.

Respectfully yours,

Lawrence E. Bellamy
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., August 31st, 1900.

Mr. J. T. Ragan,

1535 Broadway, Denver, Colorado.

Sir:-

I have to request that you will call at this office at your earliest convenience and repair the plumbing in toilet room, in accordance with the understanding had with you recently.

Respectfully yours,

Lee Bailey
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., August 31st, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

In compliance with instructions contained in Department circular (initial S.) of December 31st, 1897, I have to report that the progress of work, to date, under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, consists in the completion of the east, south and half of the west walls (excepting the top member of the cornice); the remainder of west wall and ends of the north wall to cornice line, and a few pieces of the cornice have been set; the central portion of north wall to springing line of the second story arches; the concrete foundation has been laid and a portion of the brick wall laid for the coal vault; excavation is being done for the east area; interior chimney has been constructed to near Attic floor line; steel work of all floors complete, excepting a portion of attic floor from central columns to north wall; all columns have been placed; a portion of the skylight and deck steel construction has been placed; steel vault lining complete; storm and sanitary sewers from lot line to city sewer.

are; horizontal drain pipes in basement; about half the cast iron down pipes; nearly all the terra cotta partitions in basement; about half of those in the first story; brick and terra cotta arches of the first and mezzanine floors, complete, and a portion of the terra cotta arches of the second floor have been placed.

About twelve marble capitals for arches of the second story are still lacking, owing to which fact the north wall cannot be completed.

About all the granite for said wall has been cut ready for setting, excepting a portion of the cornice, all of which will probably be completed within the next three weeks.

During the month sixty-four granite cutters worked twenty-five days; one stonemason, eighteen days; one bricklayer, twenty-one days; five iron workers, twenty-four and one half days; one plumber, four days, and fourteen laborers, twenty-six and one half days.

The weather was favorable for twenty-seven day's work during the month.

Amount of voucher issued to Contractor during the month ----- \$ 6,970.95

Amount of vouchers previously issued on account of contracts ----- \$143,588.75

Total ----- \$150,559.70

Respectfully yours,

Law Silliman
Superintendent.

Office of
 Superintendent of Construction,
 U. S. Mint (New),

Denver, Colo., August 31st, 1900.

Mr. C. E. Kemper,

Acting Supervising Architect,

Treasury Department, Washington, D.C.

Through the Office of Custodian, U.S. Ct. H. & P.O., Denver, Colo.

Sir:-

In accordance with instructions in your letter (initial E. S. S.) of the 22nd instant, I prepared a specification and received bids for partitions, etc., in the Office of the Weather Bureau, in the corner of the U.S. Court House and Post Office building, in this city, which bids were opened today at 2 o'clock and a synopsis of which is enclosed herewith, that of Charles J. Dunn, in amount \$487., being the lowest.

The Local Forecast official in charge of the Weather Bureau called my attention to the necessity of supplying picture moulding for hanging the charts, etc. in his office, and, as the same is necessary, have included that work in the specification in addition to the work ordered in the specification for which bids were opened on the 8th inst. and rejected by the Department on the 22nd instant.

I consider the bid of Charles J. Dunn, in amount, \$487.,

reasonable for the work, as the labor of conveying the material up to the tower is an item of much expense, and I therefore recommend the acceptance of his proposal, using "Buckhorn Hard Wall" plaster, which was used in other partitions recently constructed in the Post Office and is perfectly satisfactory, and he being a reliable contractor.

I enclose herewith the proposals of Charles J. Dunn and A.R. Thompson, together with their checks for \$50. and \$51.70, respectively, also a copy of the specification for the work.

Respectfully yours,

Lee Sully.
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., September 1st, 1900

Mr. C. B. Kempner,

Acting Supervising Architect,

Treasury Department, Washington, D.C.

Sir:-

I am in receipt of your letter (initial S.) of the 28th ultimo enclosing copy of Department letter of same date addressed to Mr. J. A. McIntyre, contractor for the Foundation, Superstructure and Roof-covering of the U.S. Mint Building, in this city, correcting an error made in Department letter of the 16th ultimo addressed to Mr. McIntyre and relating to the delivery of Maine granite for said building.

Respectfully yours,

Leo J. Kelly
Superintendent.

Office of
Superintendent of Construction,

U. S. Mint (New),

Denver, Colo., September 5th, 1900.

Honorable Lyman J. Gage,

Secretary of the Treasury,

Washington, D.C.

Sir:

I have the honor to apply for leave of absence for eighteen days, from September 17th, 1900, to October 6th, 1900, inclusive.

During the present year I have been absent as follows: February, two days, annual leave; and March, six days, April, four days and June, four days, sick leave, or a total of two days annual leave and fourteen days sick leave.

Respectfully yours,

Harold E. Longley
Inspector.

Respectfully recommended:

John W. McHenry
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., September 7th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

Referring to the stonework under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city. I have to inform you that one piece of the Egg and Dart course of the cornice was broken at the building to-day while preparing to set it on the wall, the half egg at the joint being broken off, and the contractor desires permission to dove-tail a new piece in the stone to permit its use, and, although patching and hiding of defects are not permitted by the specification, I recommend that, in view of the fact that the stone mentioned is of good quality, properly cut, carved and finished and no other block is on hand to be cut as a substitute, permission be given me to allow the use of said stone by dove-tailing a piece in the top, the dove-tailed piece to extent 12" back from the front, 2 1/2" from the joint and from the top to the lower edge of the egg, so that the new joint in front will be in the line of the quirk between the egg and dart. Thus the new joint will be entirely hidden and the new piece dove-

tailed in will be perfectly substantial and covered on top by the
modillion.

I will thank you to inform me by wire whether permission
shall be granted as recommended.

Respectfully yours,

Lee Wiley,
Superintendent.

Office of
Superintendent of Construction,

U. S. Mint (New),

Denver, Colo., September 6th, 1900.

Mr. J. A. McIntyre,

Room 402 Cooper Building,

Denver, Colorado.

Sir:-

Replying to your request of the 7th instant, I have to inform you that the amount of Platte Canon granite put in place under your contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, and paid for prior to the 1st instant, is nine thousand, eight hundred and seventy (9870) cubic feet.

Respectfully yours,

Lee Bellamy.
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New).

Denver, Colo., September 8th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

In compliance with instructions in Office letter (initial S.) of July 19th, 1899, I have to report that the progress of work, to date, under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, is substantially the same as reported to you on the 31st ultimo, since which time work on the west wall of the building has been completed, excepting the top member of the cornice; the brickwork of the coal vault walls has been nearly completed to the line of arches over the same; the work of riveting the iron work of the central part of the roof has been completed and a portion of the cast iron down pipes has been put in place.

The marble required for the arches of the north second story wall has not yet been received, but the contractor states that he is informed that the same has been shipped from Chicago.

One carload of Platte Canon granite for the areas has been received.

of
at

So far this month fifty-nine granite cutters have worked five days; one stonemason, three and one half days; four bricklayers, four and one half days; four ironworkers, six days; one plumber, four days, and seventeen laborers, six days.

The weather has been favorable for six day's work thus far this month.

Respectfully yours,

Lee V. Ullery
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New).

Denver, Colo., September 8th, 1900.

Mrs. Margaret P. Evans,
Rooms 19-20 Evans Block,
Denver, Colorado.

Dear Madam:-

I am in receipt of your letter of the 7th instant requesting me to remove the dirt and iron which have been placed upon the lots belonging to the Estate of John Evans facing Evans Street and South 13th Street and to the south of the site of the U.S. Mint building, in this city, under my charge.

In reply I have to inform you that any request regarding materials, etc., for the U.S. Mint building and stored outside the site should be made to the contractor, Mr. J. A. McInerney, Room 402 Cooper Building, this city, as this office is in nowise responsible for the storage of material outside the site and does not direct the storage or removal of the same.

Respectfully yours,

Lee Cullery
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., September 4th, 1933.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I have to acknowledge the receipt this day, by express, of the approved sample of Maine granite for the upper member of the cornice under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, referred to in your letter (initial J. C. P.) of the 2nd ultimo and forwarded to me for my guidance in accepting the material delivered for said building.

Respectfully yours,

Lee Valley
Superintendent

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., September 11th, 1900.

Mr. J. A. McIntyre,

Room 402 Cooper Building,

Denver, Colorado.

Sir:-

As Departmental regulations require that unsatisfactory material delivered at the building shall be removed immediately from the premises, I have to direct that the rejected marble, roofing tile, etc., now at the site of the U. S. Mint building, in this city, and delivered for use under your contract, be removed from the site in accordance with said regulations.

Respectfully yours,

Lee Vining
Superintendent.

Office of

Superintendent of Construction,

U. S. Mint (New)

Denver, Colorado, Sept. 12th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,

Washington, D.C.

Sir:-

I enclose herewith a proposal from Mr. J. A. McIntyre, contractor for the foundation &c., for the U. S. Mint building in this city for substituting trap rock dowels in lieu of iron cramps for area and coal vault copings under his contract.

In view of the fact that it will be almost (if not entirely) impossible to make the cramps secure and permanent by placing them on the side of the coping, as shown and specified, further that the cramps on the side of the coal vault coping will be more or less unsightly, and that the segmental pieces of coal vault coping would not likely be permanently held in place by the use of cramps on the sides, I consider the proposed plan of placing a dowel in each vertical joint of the coping and an additional dowel four (4) inches long beneath the segmental pieces of the coal vault coping and under end pieces of copings at corners of area and coal vault walls would make a more sightly piece of work and one that is really permanent.

I forward to you under separate cover a sample of the stone proposed to be used for dowels.

The amount of the proposal (Twenty Dollars) is deemed reasonable and I recommend its acceptance. I also recommend that permission be given

the contractor to use the same stone for dowels in buttress copings at main entrance steps, said stone being more solid than slate obtained here which splits badly. The trap rock dowels, if used, to be of the size required for slate dowels called for on drawing No. 16.

Respectfully yours,

Lee Valley
Superintendent.

Office of
Superintendent of Construction,

U. S. Mint (New),

Denver, Colorado, September 14th, 1900.

Mr. C. E. Kemper,

Chief Executive Officer, Office of Supervising Architect,

Treasury Department, Washington, D. C.

Sir:-

Complying with instructions in Department circular (Initial S.) of
December 31st, 1897, I hereby request authority to make an expenditure of
Five Dollars (\$5.00) for two photographic views of the U. S. Mint build-
ing in this city, to be taken on the 30th instant.

Respectfully yours,

Lee Valley
Superintendent.

Office of
Superintendent of Construction,

U.S.S. Mint (New) of

San Francisco, California, September 15th, 1900.

U. S.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D. C.

Sir:-

In compliance with instructions in Department circular (Initial "g") of December 31st 1897, I have to report the progress of work to date under Mr. J. A. McIntyre's contract of Foundation, Superstructure and Roof Covering of the U. S. Mint building in this city, consists in the completion of all exterior walls to top member of the cornices (except central portion of north wall which is to springing line of second story arches) coal vault and part of area walls completed, and the remainder of the work is as reported to you on the 31st ultimo.

I understand the marble yet required to complete the north wall is in the city held by the sub-contractor until a settlement with the contractor can be obtained, the granite for said wall being practically all cut.

About one fourth of the granite for the arena and coal vault has been delivered and is being cut.

During the month 50 granite cutters have worked 11 days, 1 stone mason 9 days, 3 bricklayers 10 days, 4 iron workers 11 days, 14 laborers 12 days, and 1 plumber 9 days. Weather has been favorable for 12 day's work.

Respectfully yours,

Superintendent.

Chief of
Office of
Superintendent of
Superintendent of
U. S. Office of
U. S.
Superintendent of Construction,
U. S. Mint, (New),

Denver, Colorado, Sept. 20th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,

Washington, D. C.

Sir:

I am in receipt of your letter (initial "S. W. D."), of the 17th inst., enclosing a copy of Department letter of same date, addressed to Mr. J. A. McIntyre, contractor for the Foundation, Superstructure and Roof Covering of the U. S. Mint building in this city, accepting his proposal for making modifications and omissions of certain terra cotta and iron work at columns 22, 27, 31, and 28, in the first story of this building, without expense to the Government.

The work will be done as modified.

Respectfully yours,

Superintendent.

Office of
Superintendent of Construction,

U. S. Mint, (New),
Superintendent of
U. S. Denver, Colorado, September, 20, 1900.

U. S.

Honorable H. A. Taylor,

Assistant Secretary U. S. Treasury,

Washington, D. C.

Sir:-

Replying to your letter (initial "S"), of the 17th instant, directing me to proceed to Pueblo, Colorado and make examination of the repairs to the roof recently completed on the U. S. Post Office building in said city I have to state that I will at once go to Pueblo, and after the examination will return to this city and report as directed.

Respectfully yours,

Lee Ellery
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colorado, September 23, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D. C.

Sir:-

In compliance with instructions in office letter of July 19th 1899, (initial "S"), I have to report that progress of work under Mr. J. A. McIntyre's contract of Foundation Superstructure and Roof-covering of the U. S. Mint building in this city, is at this date as reported to you on the 15th instant except that the north wall of the building is now complete to the top member of the cornice, excepting about a dozen pieces of ashlar and as many of cornice. And the walls will all likely yet be completed to the top member of the cornice before that stone is received from the east, none of it having yet been shipped, so far as I can learn. The marble has all been received and set, except one column to be substituted for a broken one in place.

Thus far this month 58 granite cutters worked 16 days, 1 stone mason 24 days, 3 bricklayers 14 days, 5 iron workers 15 days, 14 laborers 16 days, and one plumber 14 days. The weather has been favorable for 13 days work. About half the Platte Canon granite for areas etc. has been received.

Respectfully yours,

Lea Wilson
Superintendent.

Office of

Superintendent of Buildings

U. S. Mineral Field

Denver, Colo.

Sept. 24, 1892

Mr. J. H. Taylor

~~Chief Engineer, United States Geological Survey~~
~~Washington, D. C.~~

Sir:

In obedience to instructions in Department letter (initials) of the 17th instant I visited the U. S. Post Office building in Pueblo, Colo. on the 22nd and 23rd instant and made careful examination of the work of repairs on the roof of said building recently completed by the Holmes Hardware Co. of that city.

I found the work generally well done in accordance with the provisions of the contract conscientiously obeyed but in a few instances some matter had been overlooked as follows:-

The flashing was not properly soldered around

foot of the gully which occurs in any cutting
and as this work is along the way gutter all the
holes now being laid flashing should be soldered
with a fine lead wire joined at the main gutter
which has been provided in repairing the upper
up place and the was not carefully soldered
all small holes caused to solder water tight.
Some pieces of terra cotta foot tile were
broken in securing the strips on the same
a few pieces being entirely gone. New stock
of foot tile should be supplied and put in place
in such cases.

② In securing the wood strips on the way the
workmen neglected, in some instances, to turn the
nails up tight on the ends of the bolts beneath
the foot tile and in some instances the lower
ends of the bolts were left without washers or
nuts as required by the specifications in which
cases the bolts and the foot tiles were held in

glass by friction only, which in time would likely
become loosened by expansion or any motion the
result of wind storms etc. and should be remedied.

I gave the Contractor a list of these suggestions
and I also called the attention of the Contractor
foreman to these items, which he agreed to
remedy at once, beginning today, and upon
the completion of which the Contractor will
supply a voucher for final payment to the
Volunteer Hardware Co. and will accompany
the voucher with a statement that the repairs
to the roof have been satisfactorily completed.

I recommended that upon receipt of the
voucher and Contractor's statement, final
payment be made for the work. The Contractor
informed me that a bond and form
agreement to keep the roof water-tight for a
period of two years, as required by the speci-
fication has already been filed in your office.

by the Holmes & Narver Co.

Several items of work in connection with said building should yet be performed as being necessary in the best interest of the Government, which matter will form the subject of another communication.

Trusting this report will enable the Department to reach a settlement for the work repairs to said building. I am

Respectfully yours

Lee Wiley

Superintendent

Office of
Superintendent of Construction

U. S. Mint (New)

Denver, Colo.

Sept. 25, 1900.

Mr. J. H. Taylor.

Superior Architect, Treasury Department
Washington, D.C.

Sir:

Referring to my recent visit to the Post Office building in Pueblo, Colo., I wish to say that while there Postmaster called my attention to a number of items of work in connection with said building that should be done to provide protection and put the building in good condition.

The walls and ceilings throughout, especially in second, third and fourth stories, including part of ceiling in the law library, have been damaged from leaky water pipes and from the very leaky roof so that much of the plastering is badly discolored and is very unsightly. The walls and ceilings in

first story, as well as elsewhere are very dirty. The leaks in the roof and water pipes have been remedied, and the walls and ceilings are not so further damage to walls and ceilings through should be cleaned and painted, with suitable material in court rooms, office rooms and corridors. This is absolutely necessary to place the building in a condition in keeping with other Federal buildings.

Grilles should be put in place at the narrow windows of the basement and first story for protection, and an enclosure, or vestibule, should be attached to the working room, inside the mailing platform door, consisting of steel grille work, as is often the case in the working room during part of the night, and but little to prevent objectionable or dangerous persons entering the working room through the mailing platform door.

Storm doors, with vestibules should be put in place at the two entrances to the post office building.

entrances on Main street especially, being in front of the stamp and delivery windows, should be so provided, are a protection from storm, for the clerks are compelled to remain at those places with the windows open. The storm doors would also aid materially in keeping the building warm, and result in a considerable saving of fuel.

In the various rooms the base of the wainscoting has shrunk away from the floor line leaving bare cracks and considerable of the joinery finish above and from shrinkage, due to the use of unseasoned lumber in the joinery work, and when the decorative painting on the walls etc. is done the cracks along the floor should be covered with neat mowdings and cracks in the trim of doors, windows etc. should be filled with putty, and, or stained, to match the woodwork. In many cases the window sashes have shrunk so as to be loose, and will, as well as letting in dust in summer and cold in winter. The sashes should have strips glued,

(4)

Office of

and properly filled in places,
 Superintendent of
 U. S.

The rear area walls have settled away from the building walls and the area pipe rails against the building wall have pulled out. The area walls should be pointed up with cement and the railings should be secured to the building wall with expansion bolts. They were originally secured to wood plugs driven into the wall instead of being secured with expansion bolts as required by the specification for the work.

The brick paving of the driveway has sunk below the required level in several places, and should be raised and re-bedded, finished at required grade line.

I recommend that an inspector be sent to the main long enough to ascertain all defects in the building and prepare an outline specification for all work necessary for the building in first class condition. In the general contract, to avoid, for some time at least, the necessity of frequent contracts for repairs and patching in said building.

Respectfully yours,

Lee H. Bellamy

Superintendent.

Office of
 Superintendent of Construction

U. S. Mint, New

Denver, Colo

Sept. 25-, 1890

Mr. R. S. Simmons,

Acting Supervising Architect,

Treasury Department,

Washington, D.C.

Sir:

I am in receipt of your letter (initial. PWD)
 of 22 instant enclosing a copy of a letter of com-
 ments to Mr. J. A. Doyle, contractor for foundation
 superstructure and Roof Covering of the U.S. Mint build-
 ing in this city accepting his proposal for sub-
 stituting double for iron cramps in encasings etc.
 The work will be executed as stated.

Respectfully yours

Lee G. Allen,

Superintendent

Office of
 Superintendent of Construction

U. S. Mint, Phila.

Danvers, Colo.

Sept. 20, 1900

Mr J. H. Taylor,

Supervising Architect, Treasury Department
 Washington, D.C.

Sir,

Referring to your letter initial'd of August 6
 1900, forwarding a copy of Inspector A. A. Richards
 report on work under Mr J. H. McDunlop's contract of
 foundation, superstructure and Roof Carrying of the
 U. S. Mint building in this city, and directing that I
 outline and submit for your approval a method of
 testing the terra cotta floor arches under said
 contract as called for on page 3 of the specification
 and state a time when said test should be made. I
 have to say that I have conferred with the contractor
 foreman relative to his intentions concerning the pro-
 tection of the floor arches prior to completion of

The way covering of the building, so that arches now in good condition might remain so until the completion of the present contract, but as the contractor will not promise to thus protect the arches found to be satisfactory if tested now, I consider it unnecessary to make the test until the way covering is on. The contractor should, at the time of settlement be charged with the delay due to removing arches then found defective and in securing and resetting the new material, as I have suggested to him a method of arriving at a portion of said delay by inspecting the work now and ordering at this time the material required to substitute for that now defective, the arches should be protected until under way, but he is not willing to pursue this course.

Before the terra cotta work was begun I advised the contractor to wait until about the time the way covering was completed, but he chose to put in the terra cotta, which he did at his own risk.

About six or seven thousand square feet of terra cotta arches were put in and exposed to the snow storms and freezing weather during last March and April, the melting snow saturated the terra cotta and the freezing at night crumbled a considerable portion of the soffits and broke the soffits loose from the interior ribs of the blocks in many cases, so much of the bottom portion of the arches dropped. There is yet to be determined the positions of the arches in which the interior ribs of the blocks have been cracked, and unfit to receive and hold the ceiling plastering, to be put on the same.

We made several informal tests of the arches in place, in some cases testing where arches had been frozen, the soffits of which were in bad condition, and from those tests I am confident that the arches now in place will nearly all, if not quite all, sustain the load of 800 pounds, placed on a one foot square block. The block to be placed on any portion of the arch, no

single span of arch to be loaded with more than
the weight of 800 pounds at one and the same time,
which is the test required by the specification
as I interpret the specification.

A further test is necessary however, in order
to ascertain what portions have been so badly
damaged as to be unsatisfactory to receive plastering.
The crumbled portions of the terra cotta can of course
be easily removed, but to ascertain the soundness
of the blocks, I believe this may be done by striking
the bottoms of the blocks in place with a hammer
after removing the crumbled portions. It is likely
that most of the arches in place prior to the middle
of last April have been seriously damaged, and
as I do not consider it proper to permit any
blocks to remain, if doubtful of their durability,
and strength I expect to be compelled to reject
most of the arches referred to. The expense of sub-
stituting new arches for the same will likely be in

the neighborhood of two thousand dollars. If you can furnish an inspector, ~~Mr. T. D. G.~~ who has had experience in testing terra cotta work, to assist me in testing the arches, or can yourself come and from personal observation decide what course to pursue, it will likely effect a saving to the contractor and secure permanent and durable work, in the interest of the Government and avoid much delay, no doubt in the completion of the present contract, and I recommend that such a course be pursued.

I submit, therefore, my proposed method of testing the arches, subject to your approval, and is as follows:

1. Place a load of 800 pounds upon a one foot square block, placed upon various portions of each arch, only said load of 800 pounds to be placed on any one arch, at one time.
2. Remove the lower portions of the soffits of the terra cotta blocks, and with a hammer strike the soffits to ascertain, if possible, the condition of the interior of the blocks, and all doubtful arches and blocks.

removed, and new sound material substituted, in no case to take any chances of bad airings by accepting doubtful material.

I suggest that the tests be made as soon as the roof covering is completed, after which time the arches found satisfactory will not be liable to damage from the weather.

I anticipate considerable opposition will be raised by condemning all arches considered to be doubtful, as there may be considerable differences of opinion concerning said material. But unless otherwise instructed by you I will pursue the course I have outlined, as it is a matter of very great importance to the government to have sound terra cotta for receiving the ailing planting.

Respectfully yours
 Geo. E. Kelley,
 Superintendent.

Office of
Superintendent of Construction,
U. S. Mint, (New),

Denver, Colorado, September, 26th, 1900

Hon. Chas. Lyman,

Chief of Division of Appointments, Treasury Department,
Washington, D. C.

Sir:-

Referring to your letter (initial "C"), of the 13th instant, granting leave of absence for eighteen (18) days to Mr. Herbert E. Quigley, Inspector in connection with the U. S. Mint building in this city, under my charge, I have to state that owing to the serious and continued illness of my clerk, Mr. Oscar Hinrichs, compelling his absence from the office I have detained Mr. Quigley at his post of duty and if my action is not disapproved by the Department I shall permit Mr. Quigley to be absent twelve (12) days beginning on the 1st proximo and at some time later in the year will allow him the remaining six days of the leave granted by your letter.

Respectfully yours,

Lee V. Ellery
Superintendent.

Office of
 Superintendent of Construction
 U. S. Miner (New)
 U. S. Miner (New)

Durham, Colo.

Sept 29, 1890

Mr. L. K. Taylor, of Appointments, Treasury Department,
 Washington, D. C.
 Supervising Architect, Treasury Department,
 Washington, D. C.

Sir:

In compliance with instructions in Department Circular, initial 57 of December 31, 1889, I have to report the progress of work under Mr. J. A. McDuffie's contract, Foundation Superstructure and Roof Covering of the U. S. Mint Building in this city, consists in completion of all building walls to and exclusion of the top members of the cornice except a few modifications of cornice on the north front. The cornice and eaves of the street area walls nearly a coping on nearly the interior chimney to near the attic floor line; the steel work except for slopes of the roof. The longitudinal drain pipes in basement and nearly all the down pipes, nearly all the iron work partitions in the

The first stage of the work is the first stage
 the first order of the stage, the latter with a circle
 of first stage, and the latter with a circle
 of which is a defect, and must be removed; and
 stone and evening across from lot line to city line
 in collar corner, then completed, All the con-
 crete has been received and set, on second stage
 column, however, is cracked and must be taken
 out, a sound column has been used to be substi-
 tuted for the same.

All granite for the superstructure has been
 received except top members of the cornice, about
 which I am unable to learn anything as to ship-
 ment and receipt. All granite for areas and steps
 will likely be received within the next few days.

During the month fifty-five granite cutters and
 twenty-two clays are stone mason worked nineteen
 days, three bricklayers nineteen days four iron
 workers twenty-two days, four stone masons and

No statement can be made relative to the
time of completion of the present contract un-
til it is known when the eastern agents
for the "top" members of the mines will be re-
called.

Amount of vouchers issued to the contractor
for work performed this month is \$ 8100.63

Total - \$178,463.75

Office of
 Superintendent of Construction

U. S. Mint Plant

Danny Hall

October 3, 1900

Mr. J. K. Taylor.

Supervising Architect, Treasury Department
 Washington, D.C.

Sir:

As drawings for the approach to the U. S. Mint
 building in this city are likely in course of pre-
 paration, I wish to suggest that in arranging
 for the driveway along the rear of the building,
 wheel guards be provided for at corners of the con-
 crete wall and at the corners of the retaining wall
 to be constructed from near the wall back to
 the east lot line and from the south end
 of the building to the west lot line. The walls
 of the coal vault, constructed under this contract
 have been (and those of retaining walls, to be
 hereafter, likely will be), built of Bluff Canyon gra-

which has ^{so} ~~an~~ ^{intended} ~~intended~~ tendency that a slight touch by the ^{U.S.} wheels or whiffle trees of wagons passing along the driveway, will knock off the corners and cariers of the granite facing and coping, which will seriously deface and mar the appearance of the work, so that I recommend the placing of granite wheel guards to keep the wheels a suitable distance from the walls.

Respectfully yours,

Leo Billing

Superintendent

Office of

Superintendent of ConstructionU. S. Mint, New!Dennison, Colo.Oct. 5, 1900

Mr. J. H. Taylor,

Supervising Architect, Treasury Department
Washington, D.C.

Sir:

I forward to you, under separate cover,
two photographic views of the U. S. Mint build-
ing in this city, under my charge, which
views were taken Sept. 30, 1900, as authorized
by your letter of 20th ult.

Respectfully yours

Geo. H. H. H.

Superintendent

OFFICE

Sent to _____

By _____

Telegram

Denver, Colo, Oct. 5. 1900.

Hon. W. A. Taylor,

Assistant Secretary, Treasury,
Washington, D.C.Will report there seventeenth instant
If necessary to report earlier wire me.

Ullery, Sup't. Miners.

Official Business.

Govt. Rate.

Collect.

Office of
 Superintendent of Buildings

U. S. Min. of War

Drawn

Oct. 10, 1890

Mr. C. S. Garrison

Acting Chief Executive Officer

Office of Supervising Architect

Treasury Department

Washington, D.C.

Sir,

I am in receipt of your letter (initials
 S. S. S.) of 2nd instant, enclosing drawing
 Clerk Thomas J. Hobbs' check, drawn to my order
 for \$14.75 for expenses incurred in traveling
 from Denver, Colo. to Pueblo, Colo. and return,
 under order from the Department.

Respectfully yours,

Chas. Kelley

Superintendent

85

Office of
Superintendent of Construction

U. S. Mint (New)

Denny, Colo

Oct. 6

1890

Mr. J. A. Taylor.

Supervising Architect, Treasury Department
Washington, D.C.

Sir:

Referring to the matter of watchmen in connection
with the U. S. Mint building in this city under my charge,
I have to state that I consider the interests of the Gov-
ernment demand that one be appointed at this time.

The contractor has discontinued his former work
had charge of work at the building, a reliable man and has
put the work in charge of a man who is not above suspicion.
In fact I required his dismission during the early
part of the work here for dishonesty in cement work,
but allowed his reinstatement on condition that he do
nothing to do with the cement work. He has since
been reliably informed that it has been ascertained

work at times when I was elsewhere on the work,
Now that he is in charge and the building and the
material in the hands of the contractor's selection
the person is enabled to work additional fraud
during my absence at night, which would be preventable
if the work was then in the hands of a government
watchman.

I have always considered it proper for the Government to employ at least one watchman, as
stated in my letter of August 29, 1899, and the same
and as the present contract will surely be completed
within the next few months, two watchmen will then
be required, and until that time, and under the
existing conditions, I think it advisable to have
employed by the Government.

I therefore recommend that you have Mr. Eugene
C. Wilson of No. 211. But St. Louis city reappointed.
He was dropped from the service by Department
letter of May 18, last at date June 9th. He is a

There is a great deal of
work to be done in the
country. The people are
very poor and the
land is very bad.
The people are very
poor and the land is
very bad. The people
are very poor and the
land is very bad.

The people are very
poor and the land is
very bad. The people
are very poor and the
land is very bad.

trustworthy, man, and deserves re-appointment
was a soldier during the Civil War in a New
York regiment, is a great man and stands
very much in need of the position

Trusting that the appointment will be made
to protect the interest of the Government

Respectfully yours

Lee Bellamy

Superintendent

Office of
Superintendent of Construction

U. S. Mint. (Flaw)

Danvers, Colo.

Oct. 8

1890

Mr. C. E. Kemper.

Chief Executive Officer.

Office of Supervising Architect.

Treasury Department.

Washington D. C.

Sir,

I hereby request authority to make an
expenditure of Four Dollars and fifty cents (\$4.50)
for purchase of one ton of coal (2240 pounds) for
fuel in the temporary office of Superintendent
of construction, of the U. S. Mint building in this
city.

Respectfully yours,

Lee Ellery

Superintendent

Office of
Superintendent of Construction

U. S. Mint, Plm

Danvers, Colo.

Oct 8

1890

Mr. J. K. Taylor.

Supervising Architect Treasury Department,
Washington, D.C.

Sir:

I am in receipt of your letter (initials) of 5th
instant, and miscellaneous drawing No. 20, relative to
method of testing *inra cotta* arches included in
J. A. McDermott's contract of foundation, superstructure
and roof covering of the U. S. Mint building in this city.

I have conferred with the contractor for same
and written the contractor giving him your method
of making the test, and informing him that construction
will be given to any other scheme, provided
the formula and test correspond to that suggested.

Upon receipt of a statement from the contractor,
whether he suggests another scheme.

will make the test provided by the drawing
forwarded with your letter, & will re-entire
the matter to you with suggestions or recommen-
dation.

Respectfully yours,
Lee Abbey,
Superintendent.

Office of

Superintendent of Construction

U. S. Mint, New

Denver, Colo.

Oct. 8

1900

Mr. J. A. McIntyre

402- Cooper Building

City.

Sir:

Referring to the matter, testing terra cotta arches included in your contract of foundations, superstructure etc. of the U. S. Mint building in this city, I have to inform you that the supervising Architect directed that a frame be made of iron over not less than ten square feet of arch, and loaded with not less than 800 pounds per square foot of arch cover, and all defective arches etc. be removed and factory work substituted therefor. The foregoing drawing showing the method of tests, which he examined at this office. The cost of the tests, in connection with the cost to be borne by

He states that consideration will be given any other scheme offered by you, provided the formula and test of arch shall correspond to that suggested by him.

I will thank you to give this matter consideration and inform me as early as possible whether you will make the test in the manner outlined by the Supervising Architect or suggest a different scheme.

Respectfully yours,

L. Ullery.

Superintendent.

Office of
Superintendent of ~~Construction~~

U. S. Mint, New
Dinner Table

Oct 8, 1899

Mr. J. H. Taylor

Supervising Architect Treasury Department
Washington DC

Sir:

In compliance with requirements in office
letter dated 3^d of July 1899, I have to report progress
of work under Mr J. A. McDuffie contract of
construction, Supervising Architect and Roy bearing of the U. S.
Mint building in this city, is substantially as
reported to you on the 20th ultimo, since which
time the exterior walls have been completed over
for the top member of the cornice, and the walls
of east wall and east area have been completed
and the coping on same set. The first strip
ment of cornice from square for the cornice has
not yet been made.

The Santa Canon granite for areas and steps
has nearly all been received, and will
be at the yards here by the end of the month.

So far this month fifty granite cutters
have worked 64 days; one stone mason 6
days; two bricklayers 5 days; fourteen laborers
days and one plumber 1 day. The weather has
been favorable for 24 days with the weather

Respectfully Yours

Lee Allen

Superintendent

Office of
Superintendent of Construction

U. S. Mint New

Denver, Colo

Oct. 7th, 1900

Mr. J. K. Taylor

Engineering Division, Army Department
Washington, D.C.

Sir:

I forward herewith to your consideration
a proposition of Mr. J. K. Taylor's contract
for the construction, reconstruction & repair
of the U. S. Mint building in the city, to include
the expansion of the floor for the anchor bolts for
the rafters, meaning the to replace said
two and four cantalver girders of said building
the substitution to be made at no expense to
the Government.

The pricing of the work is shown
by drawing. The drawing will give a general
measurement of the work to be done.

locate the same for drilling before setting
the stone, or will require setting and washing,
then raising the iron and corbel stone for
drilling and placing the anchors. If the ex-
pansion bolts are used his careful work
will be avoided but it is a question whether
the work will be as secure. At least the
advantage to the Government is not apparent,
and the contractor is not willing to make
any deduction if the change is made to
benefit him, so that I submit his propo-
sition without recommendation.

Respectfully yours
J. Ellery
Superintendent.

Office of

Superintendent of ConstructionU. S. Mint (New)Denver, Colo.Oct. 9, 1890

Mr. J. A. McIntyre

402. Cooper Building

City.

Sir:

I am in receipt of your letter of considerable making proposition: substitute expansion bolts for the anchor bolts for my refutation your contract of Association Superintendence and Roy bearing of U. S. Mint building in this city. which proposition has been referred to the Supervising architect for his decision.

Respectfully yours

Chas. V. Allen.

Superintendent

Office of
Superintendent of Construction

U. S. Mint

Dear Sir,

Feb. 11 1861

Mr. A. Taylor

Supervising Architect, Treasury Department,

Washington D.C.

Sir:

I am in receipt of your letter of the 2nd instant relative to leave of absence granted and to be granted to Mr. A. Taylor, Inspector in connection with the work on the U.S. Mint Building, in the City of New York.

After my return to New York I will bring the matter to the attention of the office, as directed, in order that Mr. Taylor may receive the leave of absence he desires.

Respectfully yours

Wm. L. Taylor,

Superintendent.

Office of
 Superintendent of Construction
 U. S. Mining Bureau
Denver, Colo.

Oct. 11, 1890

Mr. J. K. Taylor
 Supervising Architect, Treasury Department,
 Washington D.C.

Sir:

I am in receipt of your letter (initials) of the 28th instant relative to loan of a balance granted and to be granted to Mr. H. E. Quigley, Inspector in connection with the work on the old Mint building in this city under my charge.

After my return to Denver I will bring the matter to the attention of the office, as directed, in order that Mr. Quigley may be given the loan of a balance due him.

Respectfully yours

W. H. Kelley,
 Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., October 13th, 1900.

Mr. J. K. Taylor,

Supervising Architect,

Treasury Department, Washington, D.C.

Sir:-

Referring again to your letter (initial S.) of the 5th instant, relative to test to be applied to the terra cotta floor arches included in Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, I have to say that I have informed the contractor of the test desired and that consideration would be given to any other scheme which he might submit, provided the formula and test of the arch should correspond to that suggested.

I am in receipt of a letter of the 12th instant from the contractor stating that the proposed method of making the test is perfectly satisfactory, so that for the present I shall not submit to your office any additional suggestions relative to said test.

Respectfully yours,

Lee Vining
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., October 15th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
 Washington, D.C.

Sir:-

In compliance with instructions in Department circular (initial S.) of December 31st, 1897, I have to report that the progress of work, to date, under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint Building, in this city, consists in the completion of the exterior walls (except the top member of the cornice); interior chimney to near attic floor line; the east area and coal vault (except concrete and cement finish of coal vault); the iron work complete (except for slopes of roof which is now being assembled); the drain pipes in basement, and practically all down pipes; storm and sanitary sewers from lot line to city sewers; nearly all the terra cotta partitions in basement and about half of those in first story; brick and terra cotta arches of the first and mezzanine floors and a portion of the arches of the second floor. All marble work complete.

All granite required for the building has been received, except the top member of the cornice, which is to come from Maine, none of which will likely be received this month.

So far this month, fifty-one granite cutters have worked twelve days; one stonemason, eight and one half days; two bricklayers, seven days; four iron workers, thirteen days; ten laborers, thirteen days, and one plumber, eleven days.

The weather has been favorable for thirteen day's work thus far this month.

Respectfully yours,

Laan V. Kelly
Superintendent.

Office of
 Superintendent of Construction,
 U. S. Mint (New),

Denver, Colo., October 15th, 1900.

Honorable Louis J. Gage,

Secretary of the Treasury,

Washington, D.C.

Sir:-

I hereby certify that I was unable to attend to my official duties at the U.S. Mint building, in this city, from September 12th, to October 11th, 1900, inclusive, owing to sickness, and that during said period I was under the professional care of Dr. Robert Lee, whose certificate is hereto appended.

Respectfully yours,

Oscar Hinrichs
 Clerk.

Witness my hand and seal, at Denver, Colorado, this 15th day of October, 1900.

Very truly yours,

By *[Signature]* Secretary of the Treasury.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., October 19th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I have to acknowledge the receipt of your letter (initial B.A.C.) of the 16th instant regarding the substitution of "Expansion" for the Anchor bolts required in connection with the roof rafters under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U.S. Mint building, in this city, and stating that no change will be permitted from the Anchor bolts shown on the drawings, and that the difficulty in fitting the rafters can be easily overcome by making slightly oblong holes therein for the anchors.

In reply I have to say that the contractor has this day been informed accordingly.

Respectfully yours,

Charles H. H. H. H.
Clerk.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., October 19th, 1900.

Mr. J. A. McIntyre,

Room 402 Cooper Building,
Denver, Colorado.

Sir:-

I am this day in receipt of a letter from the Supervising Architect of the Treasury Department relative to the substitution of "Expansion" for the Anchor bolts required in connection with the roof rafters under your contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, stating that no change will be permitted from the Anchor bolts shown on the drawings and that the difficulty in fitting the rafters can be easily overcome by making slightly oblong holes therein for the anchors. The work will therefore be performed accordingly.

Respectfully yours,

Robert J. Dwyer

Inspector.

Office of
Superintendent of Construction,

U. S. Mint (New),

// Denver, Colo., October 30th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,

Washington, D.C.

Sir:-

I have to acknowledge (in the absence of the Superintendent) the receipt of your letter (initial G.W.D.) of the 27th instant announcing the transmission of the following telegram to Mr. J. A. McIntyre, contractor for the Foundation, Superstructure and Roof-covering of the U.S. Mint building, in this city:

"Use stones now cut six feet, instead of six feet six, for cornice, Denver Mint".

Respectfully yours,

Samuel H. Smith

Clerk.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., October 30th, 1900.

Mr. C. F. Hemenway,

Secretary and Treasurer of the
Griffin Clay Manufacturing Company,
Griffin, Illinois.

Sir:-

I am directed by the Superintendent to acknowledge the receipt of your letter of the 22nd instant, with enclosure, regarding the terra cotta work of the U.S. Mint building, in this city, and to state to you that the Supervising Architect of the Treasury Department has been informed of the contents of said letter.

Respectfully yours,

O. W. Brown
Clerk.

**Office of
Superintendent of Construction,**

U. S. Mint (New),

Denver, Colo., October 31st, 1900.

Mr. J. K. Paylor,

Supervising Architect, Treasury Department,

Washington, D.C.

Sir:-

In compliance with instructions in Department circular (initial S.) of December 31st, 1897, I have to report (in the absence of the Superintendent) that the progress of work to date, under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U.S. Mint building, in this city, consists in the completion of the exterior walls (except the top member of the cornice); interior chimney to near attic floor line; the east area and coal vault; the iron work complete (except for slopes of roof which is being assembled); the drain pipes in basement, and practically all down pipes; storm and sanitary sewers from lot line to city sewers; nearly all the terra cotta partitions in the basement and about half of those in the first story; brick and terra cotta arches of the first and mezzanine floors, and a portion of the arches of the second floor. All marble work complete.

No definite information has yet been received regarding

Mr. J. K. Taylor-----2

the expected arrival of the granite for the top member of cornice.

During the month, forty-six granite cutters worked twenty-five days; one stonemason, eight and one half days; two bricklayers, eight days; four ironworkers, twenty-three days; one plumber, twenty-four days; two painters, seven and one half days, and twelve laborers, twenty-five and one half days.

The weather has been favorable for twenty-six and one half day's work during the month.

Amount of voucher issued to contractor during the month,

\$ 4,252.50

Amount of vouchers previously issued on account of contracts

\$178,606.37

\$182,858.87

Respectfully yours,

Wendell C. Clark
Clerk.

Office of
Superintendent of Construction,
U. S. Mint (New),
Denver, Colo., November 5th, 1900.

The Denver Onyx and Marble Company,
6th and Wynkoop Streets,
Denver, Colorado.

Gentlemen:-

I am directed by the Superintendent (who is absent) to acknowledge the receipt of your letter of the 2nd ultimo and to inform you that several weeks will probably yet elapse before the plans for the interior finish of the U.S. Mint building, in this city, are put on the market. Several sets will be furnished this office for distribution, but only to such applicants as intend to bid on the entire work. If you only desire to bid on the marble work of the interior finish, the names and addresses of all parties securing plans will be supplied you upon application.

Respectfully yours,

Robert H. Smith
Clark.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., November 5th, 1900.

Messrs. Frederick P. Bagley and Company,
Eighteenth Street Viaduct,
Chicago, Illinois.

Gentlemen:-

I am directed by the Superintendent (who is absent from the city) to acknowledge the receipt of your letter of the 25th ultimo and to inform you that the marble work under Mr. J. A. McIntyre's contract, for the U. S. Mint building, in this city, is apparently satisfactory, but that no material is considered accepted until the time of final payment at completion of contract, 10% of the value of said contract being retained until that time. It is likely that only the 10% will remain unpaid after the present month.

Respectfully yours,

Beaumont
Clerk.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., November 6th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I have to acknowledge the receipt of your letter (initial J.C.P.) of the 51st ultimo in reference to a probable request on the part of Mr. J. A. McIntyre, contractor for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, to change the manufacture and character of the terra cotta floor arches which have already been approved and stating that the Office will not reconsider the approval already made unless the contractor states good and sufficient reasons therefor, etc., and directing that the contractor be informed that should any material be damaged on account of exposure to the elements, the same will be rejected, - which directions have been duly complied with.

I consider it proper for me to add in this connection, however, that the contractor has already begun to store the material in the basement of the building, preparatory to

putting the same in place, which work, I am informed by Mr. Sargent, the sub-contractor's man, will begin on the 12th instant.

Respectfully yours,

Edw. H. H. H.

Clerk.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., November 15th, 1900.

Mr. C. V. Hemenway,

President and Manager of
The Griffin Clay Manufacturing Company,
Griffin, Illinois.

Sir:-

I am directed by the Superintendent (who is absent) to acknowledge the receipt of your letter of the 7th instant and to state that he cannot advise you contrary to the advice given you by the contractor, it being presumed that you can reach a correct conclusion from the statements of the contractor and Mr. Sargent as to when the terra cotta work must be put in place.

Respectfully yours,

Ben. H. Nichols
Clerk.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., November 19th, 1900.

Mr. C. R. Kemper,

Chief Executive Officer, Office of Supervising Architect,
Treasury Department, Washington, D.C.

Sir:

I hereby request authority to expend Six Dollars and
Seventy-five Cents (\$6.75) for six month's water rent from No-
vember 1st, 1900, to May 1st, 1901, for use in the temporary office
at the U.S. Mint building, in this city, under my charge.

Respectfully yours,

L. E. Allen
Superintendent

Office of
 Superintendent of Construction,
 U. S. Mint (New),

Denver, Colo., November 18th, 1900.

Mr. J. A. McIntyre,

402 Cooper Building,

Denver, Colorado.

Sir:-

Referring to work under your contract of Foundation, Superstructure and Roof-covering of the U.S. Mint building, in this city, I have to inform you that the Department contemplates completing the work of the building in subsequent contracts & lines somewhat different from the original plans, which makes it advisable to alter some of the work which is now in course of construction under your contract, and I will thank you to hand me a proposition addressed to the Supervising Architect of the Treasury Department, for modification of the work, as follows:

First. Omit the three granite steps leading from the basement corridor to the dynamo room.

Second. Omit the 8" terra cotta partition in the passage extending from near column No. 18 to the south wall of the building.

Third. Take down the defective portion of the brick chimney to near the second floor line and omit rebuilding of same from above the second floor line. The granite, however, for the same use

J.A. McIntyre-----

be cut, dressed, leveled and sinkings made for cramps ready for setting and be stored on the site near building, where directed.

Fourth. A doorway, 3' wide and 6'-10" high, to be provided in the walls of vents "B" in the attic (one in each vent, to be in the north wall of the south vents, and in the south wall of north vents), the bottom of doors to be the top of 8" cross beams, and each doorway to have a lintel constructed of two 6" steel I-beams with separators and have 8" bearings at ends on 8" x 12" x 1/2" steel plates.

Fifth. Also construct a manhole in the east wall of vent "A": to be 2' wide and 4' high; the bottom to be 2' above attic floor line and the top of the opening to have segmental arch of two half-brick rings.

As it is desired to have this work decided upon at as early a date as possible, I will thank you to give the matter your prompt attention.

Respectfully yours,

Wm. H. Bell
Superintendent.

Office of
 Superintendent of Construction,
 U. S. Mint (Sec),

Denver, Colo., November 10th, 1900.

To the City Plumbing Inspector,
 Denver, Colorado.

SIR:-

I will thank you for a copy of the City Plumbing Regulations which I desire to forward to the Supervising Architect of the Treasury Department for his use in preparing plans and specifications for the plumbing work of the U.S. Mint Building, in this city, under my charge.

I will also thank you to inform me whether you will object to having the waste water from laboratories and wash basins of the building discharged into the storm sewer in Colfax Avenue. The connections from lot line to the storm sewer and sanitary sewer on Colfax Avenue have already been made for the use of this building. As it is the desire of the Federal authorities in all cases to conform with the building and complete plumbing work in the same manner with the wishes of local authorities, if possible, I desire that you inform me concerning your wishes in this matter.

The said waste water from basins, etc., will be run into a small outside the ~~building~~ ^{lot} which it will be taken each day and

treated to extract metals that may be found in the same, after which it will be discharged into the sewer; and, while it will contain no solid matter, it will likely contain some acids which might be injurious to the cast iron pipe of the sanitary sewer in Colfax Avenue but probably not injurious to the glazed earthenware pipe of the storm sewer.

I enclose herewith a franked envelope for reply.

Respectfully yours,

Lee Williams
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., November 19th, 1900.

Mr. Joseph Collier,
1643 Larimer Street,
Denver, Colorado.

Sir:-

I have been directed to have two photographic views taken of the U.S. Mint building, in this city, under my charge, and I will therefore thank you to call and make the same at your earliest convenience, payment for the same to be made as soon as authority has been received from the Department.

Respectfully yours,

Lee Collins
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New).

Denver, Colo., November 20th, 1900.

Mr. J. A. McIntyre,

402 Cooper Building,

Denver, Colorado.

Sir:-

Referring to the work of pointing the joints of stone work of the U.S. Mint building, in this city, included in your contract, I have to request that you will hand me a proposal to fill and point the joints in the granite with equal parts of Red Diamond Portland cement and fine crushed granite (similar to the granite in which the joints are being pointed) in lieu of Portland cement and sand in equal parts colored to match the stone and treated to render it impervious to moisture, as required by paragraph 6, page 1, of the specification forming a part of your contract.

Respectfully yours,

Lawrence
Superintendent

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., November 20th, 1900.

Honorable H.A. Taylor,

Assistant Secretary,

Treasury Department, Washington, D.C.

Sir:-

Referring to your letter (initial S.) of the 1st instant, addressed to me in the Office of the Supervising Architect, in your city, directing me to return to Denver, Colorado, and resume my duties in connection with the U.S. Mint building, in this city, I have now to inform you that in compliance with said direction I left Washington, D.C., on the 2nd instant and upon arriving in Chicago in the evening of the 3rd instant I took a portion of my fifteen days leave of absence granted by Department letter of the 29th ultimo, and on the morning of the 17th instant resumed my journey from Chicago arriving in this city on the evening of the 18th instant, resuming my duties on the 19th instant in accordance with your instructions.

Respectfully yours,

Lawrence
Superintendent.

Office of
Superintendent of Construction,
U. S. Dept. (Treasury),

Denver, Colo., December 20th, 1906.

J.H.F.

Dear Mr. Mitchell:-

Referring to a conversation you and I had just prior to my trip to Washington and my promise to inform you upon my return concerning the prospects of building, etc., in your building, I have to say that while in Washington I discussed the matter with the Supervising Architect and some of his assistants and was informed that about \$4,000. remains available out of the appropriation for your building and the Office contemplates using nearly that sum for the necessary painting of walls and ceilings, and that the remainder of the work urged by you and recommended in the Supervising Architect's letter of September 28th, last, will probably be performed next, the expense of the same will cover the balance of the appropriation available for the building to be charged against the general appropriation for repairs to public buildings, so that I am quite confident that this money will be taken up soon and in case you wish to write the Supervising Architect relative to the work, it may be that copies of the Inspector's will be transmitted thereby.

I was informed that the Inspector, A. J. [unclear] is expected to your building to take a [unclear] inspection of the

Office of
Superintendent of Construction,

U. S. Mint (New),

Denver, Colo., November 20th, 1900.

J.M.

Dear Mr. Mitchell:-

Referring to a conversation you and I had just prior to my trip to Washington and my promise to inform you upon my return concerning the prospects of painting, etc., in your building, I have to say that while in Washington I discussed the matter with the Supervising Architect and some of his assistants and was informed that about \$7,000. remains available out of the appropriation for your building and the Office contemplates using nearly that sum for decorative painting of walls and ceilings, and that the remainder of the work urged by you and recommended to the Supervising Architect in my letter of September 25th, last, will probably be performed soon, the expense of the same over and above the balance of the appropriation available for the building to be charged against the general appropriation for repairs to public buildings, so that I am quite confident that this matter will be taken up soon and in case you have time to write the Supervising Architect relative to the same, it may be that action by the Department will be hastened thereby.

I was informed that the Department intended sending an inspector to your building to make a thorough examination of the

same and include in a specification everything necessary to put the building in first class condition.

The delay in writing you regarding this matter is due to the fact that I did not return to Denver until the 18th instant.

Hoping that matters will be adjusted to your satisfaction without delay, I am

respectfully yours,

Low E. Eddy
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., November 21st, 1900.

Honorable Lyman J. Gage,
Secretary of the Treasury,
Washington, D.C.

Sir:-

I have the honor to request leave of absence for
twenty-five days, beginning December 1st, next.

During the year I have had thirty days sick leave,
only, from September 12th, to October 11th, 1900, inclusive.

Respectfully yours,

Orvan Finnick
Clerk.

Respectfully recommended:

Wm. H. H. H.
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., November 22nd, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D. C.

Sir:-

While in your Office recently I conferred with the draughtsmen concerning the chimneys, etc., in the U. S. Mint building, in this city, under my charge, and was informed that it is now the intention to take down the main chimney to basement floor line and rebuild the same lined with fire brick; that vents "B" and stack "C" should have doorway on attic floor; that the 8" terra cotta partition in basement, near column No. 18, should be omitted to permit bringing in the boilers; also the granite steps in basement leading to dynamo room would not be required as different arrangements are to be made for reaching basement corridor from the dynamo room. I therefore requested the contractor to make a proposition looking to the omission of the 8" terra cotta partition, the granite steps mentioned, omitting the completion of the main chimney (not taking down defective portion of the same to near second floor line) and storing the granite on the site for the same cut and

finished ready for setting, and preparing the doorways in vents "B" and main stack "C" (which are now constructed to near roof line). The saving to the contractor would offset the expense of the doorways in vents, so that I considered the changes should be made without additional expense to the Government.

In response to my request the contractor has forwarded me the enclosed proposal, in amount, \$1,500., for the changes, which I consider exorbitant and therefore recommend that the proposal be rejected and that the contractor be directed to complete his work in accordance with the plans and specifications now included in his contract, and suggest that early action be taken by you and that you wire me your decision in this matter in order to permit the contractor to continue his work without further delay.

Respectfully yours,

Lee C. ...
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., November 23rd, 1900.

Mr. J. A. McIntyre,
Room 402 Cooper Building,
Denver, Colorado.

Sir:-

I am in receipt of your proposal of the 15th instant, in amount \$1,500., for the omission of the remaining work on main chimney and preparing doorways in attic vents of the U.S. Mint building, in this city, which proposal has been forwarded to the Supervising Architect for his decision.

Respectfully yours,

Lee Wiley
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., November 22nd, 1900.

Mr. J. A. McIntyre,

Room 402 Copper Building,

Denver, Colorado.

Sir:-

I was in receipt of your proposal of the 21st instant, in amount \$350.00, for pointing the joints of stonework under your contract for the Foundation, Superstructure, etc., of the U.S. Mint building, in this city, with mortar composed of crushed granite and Portland cement.

As the amount of the proposal seems excessive, I will thank you to state whether you are willing to perform the work of pointing using sand and Portland cement in equal parts, omitting the coloring matter and treatment to render the mortar impervious to moisture, without additional expense to the Government.

Respectfully yours,

Wm. L. Sullivan
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., November 22nd, 1900.

Mr. H. P. McBryde,

Plumbing Inspector, Board of Health,
Denver, Colorado.

Sir:-

I am in receipt of your letter of the 21st instant stating that you have mailed me a copy of the City Ordinance governing plumbing, etc., and informing me that there is no sanitary sewer in Colfax Avenue near this building. You state also "I fail to understand about connecting sinks, basins, etc., with sanitary sewer this is directly contrary to our laws"; continuing, you state "We allow conductors and cellar drains, wagon waste, etc., only to enter storm sewer".

In regard to the sanitary sewer in Colfax Avenue, I wish to state that we were informed that a 9 inch sanitary sewer was in place in Colfax Avenue in front of this building, and, upon excavation, we discovered a sewer and a manhole on the same in Colfax Avenue, and after having obtained permission to connect therewith, the contractor connected to the same by inserting the sewer pipe from this building into the manhole, the top of which

can be seen in Colfax Avenue in front of the Colfax Hotel. If
the said sewer is not a sanitary sewer, the mistake is not ours.

As I understand your letter to state that connections
of sinks and basins to sanitary sewers is against your laws, and
further, in enumerating those fixtures only which may be connect-
ed to the storm sewer, you do not include sinks and basins, it is
not clearly understood where you wish the waste from sinks and
basins discharged.

This request is asked as mentioned in my letter of the
20th instant, as the Department wishes a statement in writing show-
ing where we may discharge the water from the basins, etc., in
order to meet the wishes of your office.

Appreciating your kindness in sending me a copy of City
Ordinance, as mentioned, and thanking you in advance for your
courtesy in giving the information requested in my letter of the
20th instant and herein, I am

Respectfully yours,

Geo. E. Kelly
Superintendent.

Office of
Superintendent of Construction,

U. S. Mint (New),

Denver, Colo., November 22nd, 1900.

Mr. J. A. McIntyre,

Room 402 Cooper Building,

Denver, Colorado.

Sir:-

Although it is not customary for Superintendents to write letters informing contractors whenever material furnished is unsatisfactory, your Mr. Truxtun has requested that I inform you in writing relative to the granite received for the cornice of the U.S. Mint building, in this city, under your contract. I have therefore to state that I have examined the stone as uncrated and thus far have found that the finish of the same is not fine 6-cut work as the specification requires, many of the surfaces are very rough, the arises in some cases quite ragged, some corners broken and two pieces, at least, have large patches in the face. I cannot permit the use of patched stone, and the rough surfaces and ragged arises must be redressed and recut before the stone can be set.

Respectfully yours,

Wm. L. ...
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., November 22nd, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

Referring to the supply of Maine granite for the cornice under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, I have to inform you that one corner piece and twenty-nine of the remaining one hundred and one pieces have been received, the unloading of which began to-day, and I wish to state that the finish on the same is not fine 6-cut work as required by the specification, being peen hammered or 4-cut work at best, and in much of the work the finish has not been carried to the depths of the pits broken from the face of the stone with the point in dressing, which leaves the surface uneven. In many cases the fillet and arises generally are very ragged and in some instances the corners are broken, and in two of the stones thus far examined we have found patches about 2" x 8" near the joint. These patches extend about 6" back from the face of the stone, and it may be

they would remain in place, but as they are exposed to view on the soffit and face in front of the modillion, I have forbidden the use of the patched blocks.

I consider it necessary and have informed the contractor that the stone must be re-dressed and the fillets and arises straightened; yet if you desire to authorize the acceptance of stone finished 4-cut work for this member, on account of its height above ground, I will thank you to so instruct me. I assume that my action in rejecting the patched stone meets with your approval.

Respectfully yours,

Leo Sullivan
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., November 22nd, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I am in receipt of your letter (initial J.C.P.) of the 19th instant forwarding copy, in duplicate, of Drawing No. 5-1/2 A and requesting me to obtain a proposal from Mr. J. A. McIntyre, contractor for the Foundation, Superstructure and Roof-covering of the U. S. Mint building in this city, for modification of galvanized iron floor joists, for providing openings in walls and floors and furnishing and placing new 8" beams for future partition walls.

In reply I have to state that your instructions will be followed and the proposal forwarded to your Office immediately upon receipt.

Respectfully yours,

Leo Ellery
Superintendent.

Office of
 Superintendent of Construction,
 U. S. Mint (New),
 Denver, Colo., November 22nd, 1900.

Denver, Colo., November 22nd, 1900.

Mr. A. McIntyre,
 Treasury Department,

402 Cooper Building,

Denver, Colorado.

Sir:

I forward herewith a copy of Drawing No. 5-1/2 A, showing modification of galvanized iron flue linings, etc., included in your contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, and I will thank you to forward me a proposal stating the amount, in addition to your contract, for which you will make the alterations shown on the drawing, naming one amount for alteration in heights of flue linings, installing terra cotta floor arches, to provide openings in the attic floor, as shown, supplying and placing the new 6" I-beams, and opening the opening in vent at attic floor, as indicated; also, to separate item the amount for which you will prepare the four vents and stack, as indicated, the door opening to 6" I-beam lintels over the same, bolted together with 1/2" x 12" plates.

Respectfully yours,

Lee Sillery,
 Superintendent.

Office of

Superintendent of Construction,

U. S. Mint (New), Denver, Colorado.

U. S. Washington, D. C., October 26th, 1900.

The Supervising Architect,
Treasury Department.

Sir:-

Referring to the terra cotta floor arches, included under the contract of Mr. J. A. McIntyre for the Foundation, Superstructure, etc. of the building under my charge, I have to say that the contractor's foreman expressed to me a desire to use an arch manufactured by a Denver firm, in lieu of that approved by you about March 30th, 1899, viz. that made by the Griffin Clay Manufacturing Company, Griffin, Illinois, and, evidently with this change in contemplation, the contractor required the representative of the said Griffin Clay Manufacturing Company to store recent shipments outside the building site, instead of storing same in the basement of the building where they would be protected from bad weather liable to be encountered prior to the completion of the roof covering of the building, at which time I consider it will be proper to resume work on the floor arches.

As the voussoirs of the arches made by the Griffin Company are of such shape as to key the arches at the side, while the voussoirs made by the Denver firm are straight on each side, I do not consider it in the interest of the Government to permit the substitution and, if you do not look with favor upon the proposed change, I will thank you to so inform me and I will instruct the contractor accordingly.

I consider that it would be proper also to inform the contractor that it is not deemed advisable to put in place the terra cotta floor arches until about the time of completion of the roof covering for the building, at which time the said work should be resumed and carried forward to completion with the greatest possible dispatch, and that he should properly protect from the weather all the porous terra cotta from the time of its delivery at the building.

Respectfully,

Lawrence
Superintendent.

Office of
Superintendent of Construction,

U. S. Mint (New),

Denver, Colo., November 23rd, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,

Washington, D.C.

Sir:-

after work to near top line.

In compliance with instructions in Office letter (initial S.S.) of July 19th, 1899, I have to report that the progress of work to date under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U.S. Mint building, in this city, consists in the completion of the exterior walls, except the top member of the cornice; interior chimney to near attic floor line; the east area and coal vault, complete; the iron work (except a portion of the roof framing which has not been assembled, and a part of that assembled is subject to change for placing of granite cornice); drain pipes in basement, and practically all down pipes, complete; connection with the storm and sanitary sewer from lot line to city sewer; nearly all the terra cotta partitions in basement and a portion of those in the first story; brick and terra cotta arches of the first and second floors and a portion of those of the second floor; *and* all

marble work, complete, and attic vents to near roof framing.

All the Arkins granite required for the building, including that for chimneys, and all Platte Canon granite, including that for areas and steps, has been received and practically all cut. Less than one third of the Maine granite for the top member of the cornice has been received, but is not entirely satisfactory, as mentioned in my letter of the 23rd instant. I am informed that another shipment of the Maine granite is on the way, after the receipt of which about one third to one half of the amount required for the cornice will yet be lacking.

So far this month, thirty-three granite cutters have worked seventeen and one half days; two bricklayers, nine and three fourth days; two painters, ten days; four ironworkers, thirteen days; one plumber, eleven days, and thirteen laborers, nineteen days.

The weather has been favorable for seventeen and three fourth day's work thus far this month.

Respectfully yours,

Samuel G. Kelley
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., November 28rd, 1900.

Mr. C. B. Kemper,

Chief Executive Officer, Office of Supervising Architect,
Treasury Department, Washington, D. C.

Sir:-

While in your office recently, the Chief of Inspection and Materials Division advised having photographs made of the U. S. Mint building, in this city, under my charge, upon my return to the city, which I have had done. Copies will be forwarded to you at once and I hereby request authority to certify and issue a voucher, in amount Five Dollars (\$5.), in payment for said photographic views.

Respectfully yours,

Wm. H. Lacey
Superintendent.

Office of
Superintendent of Construction,

U. S. Mint (New),

Denver, Colo., November 24th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D. C.

Sir:-

While in your Office recently I had a conversation with the Chief of the Computing Division relative to coloring matter for the mortar used in pointing the stonework under Mr. J. A. McBurney's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, as required by paragraph 5, page "A", of the specification, and was advised to obtain from the contractor a proposition to omit the coloring matter and treatment to render the mortar impervious to moisture.

I have obtained from the contractor a proposal to use crushed granite, in lieu of sand for said mortar, omitting the coloring matter, etc., in amount \$350.00, dated the 21st instant, and enclosed herewith. I also obtained from him a proposition simply to omit the coloring matter, etc., using sand and cement as specified, which he proposes to do without additional expenses.

to the Government as stated in his proposition of the 23rd instant, forwarded herewith.

If you consider that the coloring and treatment of the mortar is objectionable, I recommend the acceptance of the contractor's proposition dated the 25rd instant, namely, to omit the same and perform the work without additional expense to the Government.

If, however, you prefer to use the coloring matter and treatment to render the mortar impervious to moisture, I will thank you to inform me what coloring matter you wish and what treatment you advise for the mortar.

Respectfully yours,

Wm. H. H. H.
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., November 24th, 1900.

Mr. J. W. Roberts,

Superintendent of Construction, U.S.P.O. Building,
San Francisco, California.

Dear Mr. Roberts:-

I forward you, under separate cover, four samples of plaster which the manufacturers here would like to have used in the Mint Building, and I would be pleased if you would test the same as to tensile strength on your cement machine, to be in air one day and water six days, as usual for cement, and let me know what strength the different samples show, and oblige

Yours sincerely,

Lee Wiley
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., November 24th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I forward herewith copy of Denver City Plumbing Regulations and a letter of the 24th instant from the City Plumbing Inspector, relative to discharge of waste water from sinks, etc., into city sewers, which is in response to inquiries in my letter of the 19th instant, a copy of which is also enclosed herewith.

It was suggested to me while in your Office recently that I obtain this information for the use of the draughtsmen who were laying out the system of plumbing of the U. S. Mint Building, in this city, for which the information is desired.

Respectfully yours,

Lawrence
Superintendent.

Office of
Superintendent of Construction,

U. S. Mint (New),

Denver, Colo., November 24th, 1900.

Mr. H. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I forward herewith copy of Denver City Plumbing Regulations and a letter of the 24th instant from the City Plumbing Inspector, relative to discharge of waste water from sinks, etc., into city sewers, which is in response to inquiries in my letter of the 19th instant, a copy of which is also enclosed herewith.

It was suggested to me while in your Office recently that I obtain this information for the use of the draughtsmen who were laying out the system of plumbing of the U. S. Mint Building, in this city, for which the information is desired.

Respectfully yours,

Geo. C. Kelley
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., November 24th, 1900.

Mr. H. F. McBryde,
Plumbing Inspector, Bureau of Health,
Denver, Colorado.

Sir:-

I have to acknowledge the receipt of your letter of the 24th instant giving information relative to connecting sinks, etc. to the sanitary sewer, which information, together with the copy of Manual governing plumbing, etc., in this city, have been sent to the Supervising Architect, Treasury Department, Washington, D.C.

Respectfully yours,

Leo Sillig
Superintendent.

Office of
Superintendent of Construction,

U. S. Mint (New),

Denver, Colo., November 26th, 1900.

Honorable Lyman J. Gage,

Secretary of the Treasury,

Washington, D.C.

Sir:-

I hereby certify that I have again been sick with
erysipelas in the face, and was unable to attend to my official
duties for a period of four days, from November 19th, 1900.

A certificate from my physician is herewith enclosed.

Respectfully yours,

Francis E. Higgins
Inspector.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., November 25th, 1900.

To Supervising Architect,

Treasury, Washington, D.C.

Must inside plumbing conform to city regulations and be
subject to approval or rejection by city inspector. Wire an-
swer Monday.

Ullery.

Official Business,
Gov't Rates, Paid.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., November 26th, 1900.

To Supervising Architect,

Treasury, Washington, D.C.

In daily papers City Plumbing Inspector says Mint plumbing must conform to city regulations. Suggests arrests. Says contractor must in court Tuesday show why his authority should not be recognized. I to be witness. Never at my office to inspect. Willing to permit him as courtesy. Think work not subject to his dictation.

Ullery.

Official Business,
Gov't Rate Collect.

(Night Telegram).

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., November 30th, 1900.

F. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

In compliance with instructions in Department circular (initial S.) of December 31st, 1897, I have to report that the progress of work to date under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U.S. Mint building, in this city, consists in the completion of the exterior walls, except the top member of cornice; interior chimney to near attic floor line; attic vents to near roof line; the east area and coal vault, complete; the ironwork (except a portion of the roof framing which has not been assembled, and a part of that assembled is subject to change for placing the granite cornice); drain pipes in basement, and practically all down pipes, complete; connection with the storm and sanitary sewer from lot line to city sewer; nearly all the terra cotta partitions in basement and a portion of those in the first story; brick and terra cotta arches of the first and mezzanine

floors and a portion of those of the second floor; and all marble work, complete.

All the Arkins granite required for the building, including that for areas and steps, has been received and cut. The situation concerning the Maine granite for cornice is the same as reported to you on the 23rd instant.

During the month, twenty-seven granite cutters worked twenty-two days; two bricklayers, nine and three fourth days; two painters, eleven days; four ironworkers, thirteen days; one plumber, eleven days, and eleven laborers, twenty-two and one half days.

The weather has been favorable for twenty day's work during the month.

Amount of voucher issued to contractor during the month	\$ 5,051.00
Amount of vouchers previously issued on account of contracts	<u>\$182,858.87</u>
Total	<u>\$185,909.87</u>

Respectfully yours,

Law Ulling
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., November 30th, 1906.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I am in receipt of your letter (initial K.A.C.), also telegram of the 27th instant in response to my telegram of the 25th instant, relative to city regulations and the plumbing in the U.S. Mint building, in this city, under my charge.

Concerning the same, I have to state that I have been subpoenaed as a witness in the case against the contractor for the work of this building, which trial will be held in the Police Court on the first proximo.

Respectfully yours,

Wm. C. Kelly
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (Test),

Denver, Colo., November 28th, 1934.

Mr. F. S. Barrett,

Acting Chief Executive Officer,

Office of Supervising Architect,

Treasury Department, Washington, D.C.

Sir:-

I am in receipt of your letter (dated 7.11.34) of the 27th instant, enclosing letter of good date addressed to Mr. Ernest L. Shannon, Attorney at Law, in this city, relative to my appearing as witness in suit brought by Mr. George F. Shannon against the contractor for the foundation, superstructure and masonry of the U.S.MINT building, in this city, under my charge.

The contents of said letter have been noted.

Respectfully yours,

Wm. L. Barry
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colorado, December 3rd, 1900.

Mr. C. E. Kasper,

Chief Executive Officer, Office Supervising Architect,
Treasury Department, Washington, D. C.

Sir:

I hereby request authority to expend nine dollars (\$9.00) for two
tons (2240 pounds each) of coal for fuel in this office.

Respectfully yours,

John H. Kasper
Superintendent.

Office of
Superintendent of Construction,

U. S. Mint, (New),

Denver, Colorado, December, 3rd, 1900.

Mr. J. A. McIntyre,

#402 Cooper Building,

City.

Sir:-

I have to request that you will forward to me at once your proposal for the additional work on galvanized iron flue linings and preparing the doorways in the attic chimney vents of the U. S. Mint building in this city under your contract, as called for by drawing No. 5-1/2 a, and my letter of the 22nd ultimo.

Your previous proposition for work on doorways in attic chimney vents and for omitting remaining work on main chimney was unreasonable and it is desirable to have early action by the department on this matter in order to avoid unnecessary delay. The modification according to the letter of the 22nd ultimo involves so little complication that a few hours' time was sufficient to prepare a proposal for the additional work, and your tardiness in preparing and forwarding the same will result in delay in completion of your work on the chimney vents now under your contract.

Respectfully yours,

Lee Vallery
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colorado, December 4th, 1900.

Mr. J.A. McIntyre,

No. 402 Cooper Building,

Denver, Colorado,

Sir:-

The supervising Architect directs me to reject your proposal dated November 21 1900, in amount \$1500.00 for certain changes in the work under your contract of Foundation Superstructure and Roof Covering of the U. S. Mint building in this city, as your proposal is unreasonable and excessive, and he directs that I obtain from you a proposal, stating the amount you will deduct from the sum to be paid you under your contract for omitting the 8" terra cotta partition in basement near column #16; omitting the three granite steps in the basement leading to the dynamo room; and for omitting the railing, above present satisfactory work, on main chimney at columns Nos. 40 and 41, - the granite for said chimney to be stored on the site here where directed, ready for setting, - and I will thank you to forward such a proposal to me at your earliest convenience.

Respectfully yours,

Ed. Kelley
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colorado, December, 4, 1900.

Mr James P. Low,

Acting Supervising Architect, Treasury department,
Washington , D. C.

Sir:-

I am in receipt of your letter (Initial J. C. P.) of the 1st instant directing me to reject the proposal of Mr. John A. McIntyre , contractor for the Foundation Superstructure and Roof Covering of the U. S. Mint building in this city , in amount \$1500.00, for making certain changes in the work and directing me to obtain from him a proposal for omitting three granite steps in basement, etc., and in reply I have to state that I have written the contractor rejecting his proposal and requested one as directed.

Respectfully yours,

Wm. H. H. H.
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint, (New),

Denver, Colorado, December, 5th 1900.

Mr. J.A. McIntyre,

#402 Cooper Building,

Denver, Colorado.

Sir:-

I am in receipt of your proposal, in amount Five Hundred Dollars, (\$500.) for modification of work on chimneys, vents etc., under your contract of Foundation Superstruction and Roof-covering of the U. S. Mint building in this city, as required by Drawing #5-1/2a and my letter of 22nd ultimo, which proposal has been forwarded to the Supervising Architect for his consideration.

Respectfully yours,

Geo. C. Cullery.
Superintendent.

Office of
Office of
Superintendent of Construction,
U. S. Mint, (New),

Denver, Colorado, December, 5th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,

Washington, D. C.

Sir:-

I forward herewith a proposal, in amount Five Hundred Dollars (\$500.) from Mr. J. A. McIntyre, contractor for the Foundation, Superstructure and Roof-covering of the U. S. Mint building in this city, for preparing doorways in attic vents and alterations in the galvanized iron flue linings in attics, in accordance with Drawing No. 5-1/2a, your letter (Initial J.C.) of the 19th ultimo, and my letter of the 22nd ultimo, a copy of my letter being herewith enclosed.

As the chimney vents were completed almost to roof line, and the flue linings made and mostly placed, the modification at this time involves considerable tearing out of work, (although less than if done under a subsequent contract), so that the enclosed proposal is reasonable and I recommend its acceptance.

As a note on Drawing 5-1/2a requires archesto be constructed at attic floor line in vent at column No. 43, I understand the intention now to be to have no floor openings in any of vents "B" at attic floor line. Is this correct?

Respectfully yours,

Chas. Billings
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint, (New),

Denver, Colorado, December 6th, 1902.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D. C.

Sir:-

I am in receipt of your letter (initial J.C.P.), of the 3rd instant directing me to reject the proposal of Mr. J. A. McIntyre, contractor for the Foundation, Superstructure, and Roof-covering of the U. S. Mint building in this city, for change of the pointing mortar for the granite work, and directing me to obtain from him a proposal for using pointing mortar of neat cement omitting the coloring and special treatment as called for by the specification, and I have to inform you that I have requested the contractor to submit such a proposal which will be forwarded to you as soon as received.

Respectfully yours,

Edw. Kelley
Superintendent.

Office of

Superintendent of Construction,

U. S. Mint, (New),

Denver, Colorado, December 6th, 1900.

Mr. J. A. McIntyre,

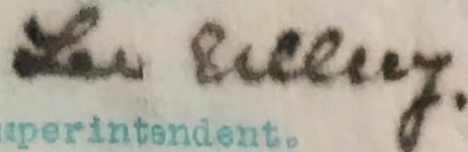
402 Cooper Building,

Denver, Colorado.

Sir:-

I am in receipt of a letter from the Supervising Architect directing me to reject your proposals of 21st and 23rd ultime for changing pointing mortar to be used for the granite under your contract of Foundation, Superstructure and Roof-covering of the U. S. Mint building in this city, as the proposals are excessive, and he directs me to obtain a proposal for the use of neat cement for the pointing of all granite, omitting sand and coloring and special mixtures called for in the specification, and I will thank you to forward to me such a proposal at your earliest convenience.

Respectfully yours,



Superintendent.

Office of
Superintendent of Construction,
U.S. Mint (New),

Denver, Colo., December 8th, 1900.

Mr. J.K. Taylor,

Superintending Architect, Treasury Department,
Washington, D.C.

Sir:-

I am in receipt of your letter (initial J.C.P.) of the 4th instant relative to finish, etc., of the granite for use as the principal member of main cornice under Mr. J.A. McIntyre's contract for the foundation, superstructure and roof-covering of the U.S. Mint building, in this city, and requesting me to advise you further regarding the same.

Replying I have to state that of the thirty-five pieces thus far uncrated, only two or three have a finish that approximates the finish of the sample forwarded to me on August 2, last. The finish generally being not better than been hammered, or pebbled, 4-cent work. The crisses and fillets generally are very ragged and irregular, so that additional work on the stone is required to produce a proper finish.

Three of the pieces uncrated have large patches stuck on and one piece has a black knot on the face as large as a man's

hand, and I informed the contractor, Foreman at the time the stone was received that the patched pieces and the one with the black knot could not be accepted and I also informed the contractor, in writing, at the same time concerning the matter. The color of the stone varies somewhat from the approved sample, but not sufficiently so far as the granite has been uncrated, to justify rejecting the same, although several of the blocks were evidently obtained from a portion of the quarry nearer the surface than where the sample was secured, the exposed face portion of the blocks, however, being fairly good.

About thirty-five pieces of said stone have been received in the city recently, but not yet delivered at the stoneyard or uncrated, so that we are not able to decide concerning them, but apparently they are about the same as those previously received.

Respectfully yours,

Lee C. Miller
Superintendent.

Office of
Office of
Superintendent of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., December 8th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D. C.

Sir:-

I forward herewith a proposal of the 7th instant, in amount Twenty Dollars (\$20), from Mr. J. A. McIntyre, contractor for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, for using mortar of neat Red Diamond Portland cement for pointing the joints of granite work, included in his contract, in lieu of cement and sand with coloring matter and mixture to render the mortar impervious to moisture, which proposal was requested in your letter of the 3rd instant, and, as the proposal is deemed reasonable, I recommend its acceptance.

Respectfully yours,

Lee H. H. H.
Superintendent.

Office of
Office of
Superintendent of Construction,
Superintendent of
U. S. Mint (New.),
U. S.

Denver, Colo., December 8th, 1900.

Mr. J. A. McIntyre,

402 Cooper Building,

Denver, Colorado.

Sir:-

I am in receipt of your letter of the 7th instant stating that you cannot make any proposition looking to a deduction from your contract price on account of the omission of 8" terra cotta partition, near column No. 18, in basement; steps leading from dynamo room, and remaining work on chimney, included in your contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city.

Replying to the same, I have to invite your attention to the second paragraph, page 4, of the specification forming a part of your contract, requesting bidders to state prices to be used in any additions or changes that may be required in the work in accordance with which you named a price for common brick, for 6" terra cotta partition, for granite for superstructure, etc., and as changes include omissions as well as additions, you, by your contract and the prices named, have agreed that in case of omission

Mr. J. A. McIntyre

you would deduct \$14.00 per other and for common brick, .15 cents per square foot ~~Supervising Architect~~ terra cotta partition, etc.

On the first page of "General Instructions and Information", in the first part of said specification, forming a part of your contract, and under the head of "Alterations and Additions", the Department reserves the right to make omissions from the work or materials provided for at market rates, which rates, in case of dispute, shall be determined by the Supervising Architect whose decision shall be binding upon yourself as well as upon the Secretary of the Treasury.

You have therefore agreed to permit the Department to make changes and have named some rates for materials, etc., and have agreed to a method by which remaining unit market rates may be decided by the Supervising Architect, so that the unit rate or price per cubic foot for the granite, terra cotta partition and galvanized iron flue linings can be determined by the Supervising Architect in case you refuse to state a reasonable amount for the omissions named.

The work on the chimney to be omitted is approximately six thousand common brick, one hundred square feet galvanized flue lining, one hundred lineal feet terra cotta flue lining and the setting of one hundred and sixty cubic feet of granite; the steps omitted would contain fifteen cubic feet of granite and the foundation for the same about five hundred common brick, and the partition to be omitted about two hundred and eighty square feet of 8" terra cotta.

Mr. J. A. McIntyre

Superintendent of

As none of the 8" terra cotta for the partition has been delivered or shipped, none of the granite for the steps has been banked or cost any outlay of money thus far, and as the work on the chimney has not yet been done and no material yet made or purchased for the same will be lost or wasted, there appears to be no reason why a deduction for the same should not be made.

If you prefer it might be well to state one amount for the omission of work on the chimney, as per my letter of the 4th instant, and a separate amount for the omission of the steps and partition mentioned, so that they may be acted upon separately in case the Supervising Architect considers it more just and fair to you to do so.

While it is not the policy of the Department to exact from a contractor anything unreasonable, it is not legal to pay a contractor for materials not furnished or work not performed; and as you have agreed to a method by which the market rates of materials, etc., may be determined, and have also agreed that changes may be made, the quantities can easily be ascertained by competition, the matter is in such shape that fair deductions can be ascertained, and I will therefore thank you to reconsider this matter and forward me a proposition to deduct, as per my letter of the 4th instant.

Respectfully yours,

Geo. B. Loring
Superintendent.

Office of

Superintendent of Construction,

U. S. Mint (New),

U. S. Denver, Colo., December 8th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,

Washington, D. C.

Sir:-

In compliance with instructions in Office letter (initial S.) of July 19th, 1899, I have to report that the progress of work to date under Mr. J. A. McIntyre's contract for the Foundation, Super-structure and Roof-covering of the U. S. Mint building, in this city, is practically the same as reported to you on the 30th ultimo, since which time no work has been performed, except the placing of a portion of the copper work for the skylight and some painting of the iron work of the roof construction.

So far this month, two granite cutters have worked three and one half days (finishing the cutting of all granite, except top member of cornice); one copper smith, six and one half days; three laborers, six and one half days, and two painters, seven days.

The weather has been favorable for building purposes five and one half days so far this month.

Respectfully yours,

John D. ...
Superintendent.

Office of
Office of
Superintendent of
Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., December 8th, 1900.

Mr. J. A. McIntyre

402 Cooper Building,

Denver, Colorado.

Sir:-

I am in receipt of your letter of the 7th instant making a proposition, in amount, Twenty Dollars (\$20), for using mortar of neat Red Diamond Portland cement, omitting sand, etc., for pointing the joints of granite work included in your contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city.

Your proposal has this day been forwarded to the Supervising Architect of the Treasury Department for his consideration.

Respectfully yours,

Law B. Allen
Superintendent.

Office of
 Superintendent of Construction,
 Office of
 U. S. Mint (New)
 Superintendent of

U. S. Denver, Colo., Dec. 12- 1900.

Hon. Lyman J. Gage,
 Secretary of the Treasury,
 Washington, D.C.

Through the office of Supervising Architect:

Sir:-

I have the honor to request leave of absence for twelve days beginning on the 17th. instant. During the present year I have been absent eighteen days (18) on account of sickness and fourteen (14) days on annual leave. Although by letter of Sept. 13th. 1900, from Mr. Chas. S Lyman, I was granted eighteen (18) days leave, I was kept on duty six days of the time for which said leave was granted, owing to the absence of the clerk on account of sickness, as stated in the Superintendent's letter of Sept. 26th. 1900, addressed to Mr. Lyman.

Respectfully yours

Robert C. [Signature]
 Inspector.

Respectfully recommended

Lee [Signature]
 Sup^d-intendent.

Office of

Superintendent of Construction,

U. S. Mint (New),

Denver, Colo., December 13th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,

Washington, D.C.

Sir:-

Referring to the last portion of second paragraph in my letter of the 8th instant, concerning the quality of Maine granite received for use under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, in which I stated that "several of the blocks were evidently obtained from a portion of the quarry nearer the surface than where the sample was secured, the exposed face portion of the blocks, however, being fairly good", I have to say that in order that you may more fully understand the situation, I forward to you, under separate cover, a large spall from one of the blocks showing the character of the stone. Practically all of that uncracked (thirty-five pieces) is like the spall sent you, not so bright as the sample. The difference is more noticeable on refitting the spall and sample to compare the two.

The portions of the block that were covered by the crack

Mr. J. K. Taylor

ing, show clean and reasonably bright surfaces, while the exposed portions are quite dark. I have spent considerable time in investigating to ascertain the cause of the discoloration on exposed portions. I have had some of the discolored portions scrubbed and some bush-hammered and am satisfied that the discoloration is largely due to smoke or grease encountered during transportation, and that considerable dressing will be required to secure a finish of the natural color of the stone, which, although lighter in color and brighter in appearance than at present, will not be (except in less than one tenth of the pieces uncrated) as bright as the sample which you can see from the spall sent you, since the material is not as live stone as the sample. A few of the blocks received and uncrated are lighter than the sample, as also appears to be the case with several blocks received in the city but not yet delivered at the contractor's shed or yet uncrated. Many granite cutters here who claim to have had years of experience with granite, say that the granite received contains much iron which will run and will discolor the stone below it in the building. While I am of the opinion that this is not correct, I have not had an analysis of the stone made, but hope you will be able to have a test made and ascertain what objectionable materials, if any, the granite contains and what undesirable results will likely appear later.

From my observation of the stone thus far uncrated, I am

Mr. J. K. Taylor-----3

convinced that material like the spall sent you will in time look considerably more dull and dingy than the Arkins stone now in the walls of this building.

While the stone is not quite equal to the sample in quality, to condemn the defective stone would throw out so large a portion of that received as to result in great delay in the work, so that if you do not consider it necessary, after an examination and test, to draw the line against the discrepancy shown between the spall and sample, I will permit the use of the stone received when properly redressed as well as similar stone hereafter received.

Since preparing this letter, I have been informed by one of the contractor's chief men, that he has, through his attorney, advised the sub-contractors for the Maine granite to take up the controversy with you, hoping to have you direct me to permit the use of the granite as it is, which I am satisfied you would not advise if you could see the present finish of the stone. By transferring the controversy to your office, additional delay might result which is likely one of the contractor's motives for the course mentioned, as he is, I understand, on a salary paid by the bondsmen and therefore benefited by delay which likely accounts for his lack of disposition to hasten the completion of his contract.

Respectfully yours,

Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., December 13th, 1900.

Mr. James P. Low,

Acting Supervising Architect,

Treasury Department, Washington, D.C.

Sir:-

Referring to your letter (initial J.C.P.) of the 1st instant, directing me to obtain from Mr. J.A. McIntyre, contractor for the Foundation, Superstructure and Roof-covering of the U.S. Mint building in this city, a proposal to omit the three granite steps in basement, the 8" terra cotta partition in basement, near column No. 18, and remaining work on chimney, I have to state that I requested the contractor to make a proposal in accordance with the terms of your letter. On the 7th instant I received his letter, which is herewith enclosed, informing me that he could not make a deduction for the omissions mentioned. On the 8th instant I accordingly wrote him again, a copy of which letter is forwarded herewith, in response to which I have received his letter of the 11th instant, also herewith enclosed.

A representative of the sub-contractor for the terra cotta work informed me that they would make a proposal to deduct for the

Mr. J. P. Love-----

omission of the 8" terra cotta partition, if the contractor requested him to do so; that none of the material for said partition had been shipped or manufactured especially for this work.

Mr. McIntyre's contract for the Platte Canon granite for basement steps, etc., provides that he shall pay thirty-nine cents per cubic foot for the material as put in place in the building and paid for, so that no payment would be required from him for the material of the steps if omitted.

In view of the contractor's refusal to make a reasonable proposal in the matter, I recommend that he be directed to put in place the 8" terra cotta partition and the granite steps mentioned, a portion of the partition to be so laid up dry that the contractor for the boilers may remove the same so as to prepare an opening 7' wide and the height of the partition to permit taking in his boilers, after which the contractor for the heating apparatus be required to lay up the partition in cement. A provision can be made for the use of said steps in a subsequent contract in the boiler room of this building, thus causing little if any loss to the Government by the contractor's refusal.

I also recommend that the contractor be required to take down the defective portion of the present chimney ready to rebuild the same (the present work on same is up to bottom of attic floor beams, but as the last portion, amounting to about 6' in height, was constructed in bad weather it is defective and must be taken down),

Mr. J. P. Low, ----- 3

in ante. 2

after which the contractor should be required to cease work on said chimney, but store the granite for the same on the site where directed. The quantity of brick required for the remainder of the work on the chimney can be easily computed and the cost of setting the stone work can be ascertained by keeping an account of the amount of labor required to put in place the granite of the other chimneys under Mr. McIntyre's contract. A deduction for the omission of the brick and for setting the granite of said chimney can be taken from the amount to be paid under Mr. McIntyre's contract at the time of final payment.

Respectfully yours,

Lee Selby
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),
U. S.

Denver, Colo., December 13th, 1900.

Mr. J. A. McIntyre,

402 Cooper Building,

Denver, Colorado.

Sir:-

I am in receipt of your letter of the 11th instant, relative to omission of granite steps and remainder of work on chimney, etc., under your contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, and declining to make a deduction for said omissions, which letter has this day been forwarded to the Supervising Architect for his consideration.

Respectfully yours,

Laurel C. Kelley
Superintendent.

Office of
Office of
Superintendent of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., December 14th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

Referring to the construction of steel work under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, and requirements of the specification that rivets are to be used generally but that bolts may be used where impossible to rivet, etc., I wish to inquire whether the note on Sheet No. 2 of shop drawings for the steel work, that "Purlins are bolted to rafters with 3/8" bolts", is to be followed.

Respectfully yours,

Lea
Superintendent.

Office of

Superintendent of Construction,

U. S. Mint (New),

Superintendent of
Denver, Colo., December 14th, 1900.U. S.
U. S.

Honorable Lyman J. Gage,

Secretary of the Treasury,

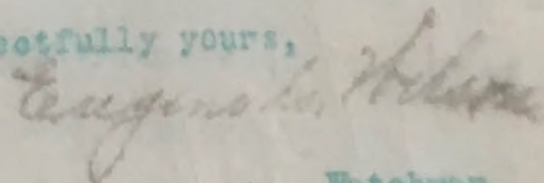
Washington, D.C.

Sir:-

I have to request leave of absence for five days, beginning on the 27th instant.

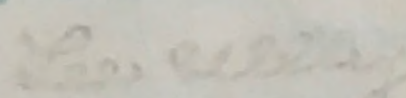
Since my appointment on October 22nd, 1900, I have not had any leave of absence.

Respectfully yours,



Watchman.

Respectfully recommended:


Superintendent.

Supr 11-1-00 Office of

Superintendent of Construction,

U. S. Mint (New),

Denver, Colo., December 18th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,

Washington, D.C.

Sir:-

In compliance with instructions in Department circular (Initial S.) of December 31st, 1897, I have to report that the progress of work to date under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, is substantially the same as reported to you on the 30th ultimo, since which time no work has been performed except the placing of sash bars and a part of the copper work of skylight and a portion of the painting of the iron work of roof construction.

Thus far this month, two granite cutters have worked four days; one copper smith, thirteen days; two painters, thirteen days, and three laborers, thirteen days.

The weather has been favorable for building construction (masonry work, etc.) nine days so far this month.

No steps have been taken to prepare the Maine granite for use in the cornice of the building, about one third of which has been delivered at the stoneyard (not properly dressed), and about one

Office of

Superintendent of
Superior
U.S.

third has been received in the city but not yet delivered at the
contractor's yard or uncrated.

Respectfully yours,

Geo. L. ...
Superintendent

[Faint, mostly illegible text follows, appearing to be a detailed report or letter body.]

Sup. Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., December 17th, 1900.

Mr. James P. Lev,

Acting Supervising Architect,

Treasury Department, Washington, D.C.

Sir:-

I am in receipt of your letter (initial J.C.P.) of the 14th instant enclosing copy of Department letter of even date addressed to Mr. J.A. McIntyre, contractor for the Foundation, Superstructure and Roof-covering of the U.S. Mint building, in this city, accepting his proposal, in amount Five Hundred Dollars (\$500), for changes in galvanized iron flue linings, as shown on drawing No. 5-1/2.

In reply I have to say that vouchers will be certified and issued for said work upon completion of the same.

Respectfully yours,

Lee H. H. H.
Superintendent.

Office of
Superintendent of Construction,
U.S. Mint (New),

U. S. Denver, Colo., December 17th, 1900.

Mr. James P. Low,

Acting Supervising Architect,

Treasury Department, Washington, D.C.

Sir:-

I am in receipt of your letter (initial J.C.P.) of the 13th instant enclosing copy of Department letter of even date addressed to Mr. J.A. McIntyre, contractor for the Foundation, Superstructure and Roof-covering of the U.S. Mint building, in this city, accepting his proposal, in amount Twenty Dollars (\$20), to substitute mortar of best Red Diamond Portland cement in lieu of sand, etc., for pointing joints of granite work under his contract.

In reply I have to say that vouchers for the work will be certified and issued upon completion of the same.

Respectfully yours,

Geo. E. Kelley
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., December 22nd, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

In compliance with instructions in Office letter (initial S.) of July 19th, 1899, I have to report that the progress of work to date under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U.S. Mint building, in this city, is substantially the same as reported to you on the 30th ultimo, since which time no work has been performed except the placing of sash bars and a part of the copper work of skylight, and a portion of the painting of iron work of roof construction.

Thus far this month, two granite cutters have worked four days; two copper smiths, twelve days; two painters, eighteen days, and three laborers, nineteen days.

The weather has been favorable for building construction (masonry work, etc.) thirteen days so far this month.

There is no change in the status of the Maine granite as reported on the 15th instant, except the contractor informs me that the remainder of the granite has been shipped. So far as I

can learn, no arrangements have yet been made for supplying places
of granite to substitute for those condemned.

Respectfully yours,

Wm. D. Loring
Superintendent.

Office of
 Superintendent of Construction,
 U. S. Mint (new),

Denver, Colo., December 22nd 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
 Washington, D.C.

Sir:-

Replying again to your letter (initial E.A.C.) of the 27th ultimo and Department telegram of same date, relative to city plumbing regulations and the plumbing work in the U.S. Mint building, in this city, under my charge, I consider it advisable to inform you that the case in the Police Court against Mr. J. A. McIntyre for not complying with city regulations, was postponed from time to time until this week when the judge of the Police Court refused to decide the question whether the city authorities have jurisdiction over the plumbing work of this building, and it is expected that the question will soon be taken up in the County Court.

I wish to say as regards this matter, that I informed the Plumbing Inspector on several occasions that there is probably no occasion for a conflict between the city and Federal authorities over this question, as any reasonable request made by him to me and referred to you would likely be complied with. He informs me, however,

that the suit was against the contractor, and as the relations between the city authorities and myself are pleasant, it seems that his object is to annoy and embarrass the contractor, more so, at least, than a desire to ascertain the nature and condition of the plumbing work of this building.

Respectfully yours,

Wm. Dillay
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., December 24th, 1900.

Honorable H. A. Taylor,

Assistant Secretary, Treasury Department,
Washington, D. C.

Sir:-

Referring to your telegram of the 22nd instant, informing Mr. Eugene C. Wilson, Watchman at the U. S. Mint building, in this city, under my charge, that his application for leave has been granted, I have to state that said telegram was delivered collect and the usual rate of seventy-five cents charged for the same by the Company.

I desire to ask whether there is not some error in this matter, as, in case you intended to send the telegram collect, should not the Government rate have been charged, it being official business and as Mr. Wilson did not desire to be informed by telegram, since the letter of same date as your telegram regarding his leave would reach him two days previous to the time his leave begins.

I refer to this matter in the interest of Mr. Wilson, whose salary is small, and as he was suspended from his position for several months during the present year.

Respectfully yours,

Allen Bell
Superintendent.

Office of
Superintendent of Construction,

U. S. Mint (New),

Denver, Colo., December 24th, 1900.

Mr. C. E. Kemper,

Chief Executive Officer, Office of Supervising Architect,
Treasury Department, Washington, D. C.

Sir:-

In accordance with instructions in Department circular (initial S.) of December 31st, 1897, I have to request authority to make an expenditure of Five Dollars (\$5) for two photographic views of the U. S. Mint building, in this city, under my charge, said views to be taken on the 31st instant.

Respectfully yours,

W. L. Kelley
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., December 24th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I am in receipt of your letter (initial E.A.C.) of the 20th instant relative to the visit of Mr. Edwin S. Church, Superintendent of Machinery at the United States Mint, Philadelphia, Pennsylvania, to obtain data for placing the machinery in the U.S. Mint building, in this city, under my charge.

In reply, I have to state that Mr. Church is now here and I am assisting him as far as possible in obtaining the data desired.

Respectfully yours,

Lee C. Allen
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver,, Colo., December 24th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I am in receipt of your letter (initial E.A.C.) of the 19th instant informing me that bolts are satisfactory for securing T - iron purlins to the roof rafters under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city.

Respectfully yours,

Lee Allen
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., December 24th, 1900.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I am in receipt of your letter (initial J.C.P.) of the 21st instant relative to the granite for the cornice of the U.S. Mint building, in this city, under my charge, and have noted your statement that it will be necessary for the contractor of the building to fully comply with the requirements of his contract regarding this stone subject to the accepted sample and cutting thereon.

Respectfully yours,

Lee Gilkey
Superintendent.

Office of
 Superintendent of Construction,
 U. S. Mint (New),
 Denver, Colo., December 26th, 1900.

Mr. J. K. Taylor,
 Supervising Architect, Treasury Department,
 Washington, D.C.

Sir:

I am in receipt of your letter (initial J.C.P.) of the 22nd instant, relative to the omission of certain work under Mr. J.A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U.S. Mint building, in this city; that I require the contractor to furnish the material under his contract, and, where it is probable that a change will be desired, to pile the material where it will be available for future work, and that he will not proceed with rebuilding the main chimney until notified by me, etc.

In reply I have to inquire whether your reference to work in which a change will probably be desired covers more than the item of perra sotta partition in basement, granite steps in basement and the remainder of work on the main chimney, as mentioned in my letter of the 13th inst.?

After the defective portion of the present chimney has been taken down, I will determine the number of brick required to rebuild the same and inform you as directed.

Respectfully yours,

Wm. H. H. H.
 Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., December 26th, 1900.

Mr. J. A. McIntyre,

Room 402 Cooper Building,
Denver, Colorado.

Sir:-

Referring to your proposal to omit the three granite steps in basement, terra cotta partition in basement, near column No. 18, and work on the main chimney, under your contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, I have to inform you that the Supervising Architect directs that you shall furnish all the material required to complete your contract; store the material necessary for future construction of said items of work and that you take down the defective portion of the main chimney and later rebuilding the same until notified by me. The value of the work omitted to be taken into consideration by the Supervising Architect at the time of final settlement with you.

Respectfully yours,

Geo. C. Kelley
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., December 31st, 1900.

Mr. J. R. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

In compliance with instructions in Department circular (Initial S.) of December 31st, 1897, I have to report that the progress of work to date under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint Building, in this city, consists in the completion of the exterior walls, except the top member of cornice; interior chimney to near attic floor line; Attic vents to near roof line; the east area and coal vault, complete; exterior marble work, complete; the iron work (except a portion of the roof framing which has not been assembled, and a part of that assembled is subject to change for placing the granite cornice); sash bars and a portion of copper work of skylight; drain pipes in basement, and practically all down pipes, complete; connection with the storm and sanitary sewer from lot line to city sewer; nearly all the terra cotta partitions in basement and a portion of these in the first story; brick and terra cotta arches of

the first and messenger floors, complete, and a portion of those of the second floor have been put in place.

There is no change in the status concerning the Maine granite since my report on the 13th and 23rd instant. The remainder of granite required to complete the cornice, reported shipped prior to the 23rd instant, has not yet been received. If the finish of the stone corresponds with that which has been uncrated, it will require forty granite cutters (the number employed at the time the stone received was uncrated) about one week to properly finish the same, if the cutting is done at the stoneyard. I understand that no pieces have yet been shipped to replace the pieces condemned on account of patches.

During the month two granite cutters worked four days; two copper smiths, eleven days; two painters, eighteen days, and three laborers, nineteen days.

The weather has been favorable for building construction (masonry work, etc.) sixteen days during the month.

Amount of voucher issued to contractor during the month --

\$ 405.00

Amount of vouchers issued previously on account of con-

\$185,309.87

\$185,714.87

Total,

Respectfully yours,

Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., January 4th, 1901.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I forward herewith two photographic views showing the
work on the U.S. Mint building, in this city, under my charge, to
December 31st, 1900.

Owing to unfavorable weather, the views were not taken
until the 3rd instant.

Respectfully yours,

W. C. Gilkey
Superintendent.

2

Office of
 Superintendent of Construction,
 U. S. Mint (New),
 U. S. Denver, Colo., January 5th, 1901.

Superintendent Kelly,

City Mail Service, U.S. Post Office,
 Denver, Colorado.

Sir:-

Referring to the letter from the Treasury Department, addressed to this office and on the 31st ultimo left by mistake at 51436 Court Place, in this city, I have to say that the letter reached me almost as promptly as it should, the delay having been largely caused by the parties at said residence carrying the letter to the Inspector of the Post Office Department and by him referred to your office prior to delivery here, instead of returning the letter to the carrier who could on his next trip have delivered it at my office.

As errors are almost unavoidable among most people we usually meet and do business with, and as this case appears to be the first of the kind affecting the mail for my office during nearly three years in which the present carrier has been serving my office, I do not consider it just to make any complaint in the matter, believing that people occupying residences where mail is incorrectly left are generally fair enough to return the mail to the carriers at once and thereby insure prompt delivery of the same, so that no

Mr. E. C. Cary
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., January 8th, 1901.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D. C.

Sir:-

In compliance with instructions in Office letter (initial S.) of July 19th, 1899, I have to report that the progress of work to date under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, is substantially the same as reported to you on the 31st ultimo, since which time no work has been performed except a portion of the work for the skylight.

So far this month, one cooper smith has worked four days and three laborers, six days.

The weather has been favorable for building construction (masonry work, etc.) two days thus far this month.

No action has yet been taken for finishing the Main entrance delivered for the upper member of the cornice.

Respectfully yours,

Wm. Bellamy
Superintendent.

Office of
 Office of
 Superintendent of Construction,
 Superintendent of
 U. S. Mint (New),
 U. S.
 Denver, Colo., January 15th, 1901.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
 Washington, D.C.

Sir:-

In compliance with instructions in Department circular (initial S.) of December 31st, 1897, I have to report that the progress of work to date under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U.S. Mint building, in this city, is practically the same as reported to you on the 8th instant, since which date no work has been performed except a portion of the work on skylight.

So far this month, one copper-smith has worked ten days, and three laborers, ten days.

The weather has been favorable for building construction (masonry work, etc.) five days thus far this month.

Respectfully yours,

Lee V. ...
 Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., January 23rd, 1901.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

In compliance with instructions in Office letter (initial E.) of July 19th, 1899, I have to report that the progress of work to date under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, is the same as reported to you on the 15th instant, since which time practically nothing has been done.

So far this month one coppersmith has worked fourteen and one half days, and two laborers, nineteen days.

The weather has been favorable for building construction (masonry work, etc.) eleven days so far this month.

Respectfully yours,

Geo. S. McIntyre
Superintendent.

Office of
 Superintendent of Construction,
 U. S. Mint (New),

Denver, Colo., January 26th, 1901.

Mr. J. H. Mitchell,

Postmaster,

Pueblo, Colorado.

Sir:-

I am in receipt of your letter of the 25th instant relative to securing bids for repairs to heating apparatus and elevator in your building, and in reply will say that, inasmuch as I have not examined the work referred to and do not exactly know the conditions and extent of defective materials, etc., I could not prepare a specification which would be in anyway exact, unless the enumeration of items of work mentioned in the schedule prepared by your engineer could answer.

If the schedule prepared by your engineer enumerates all items of new work necessary, I would embody them in the specification as outlined by your assistant, stating that the work shall be of best quality, connections properly made, and the apparatus in each case to be left in perfect working order to the entire satisfaction of yourself and the Supervising Architect or his representative (in which case you can probably be largely governed by sugges-

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tions from your engineer). I would also state that each bidder must submit with his bid a certified check for not less than 10% of the amount of his proposal, the same to be made payable to the order of the Treasurer of the United States.

I would call for drilling of all holes necessary for securing the elevator guides, etc., and in every case require the contractor to be responsible for all damage done in performing his work and properly repair and finish the same in good condition at completion of his contract.

This is about all the advice or assistance which I can give you in this matter without making a visit to your building which is probably unnecessary. You might ask some competent steam fitter in your city to visit the building and with you examine the work to ascertain more accurately whether the engineer has included everything necessary to properly repair the heating apparatus, and ask some elevator man or capable machinist to examine the elevator and confer with you relative to the same before preparing the specification.

I return herewith the schedule and outline of specification forwarded to me in your letter of the 25th instant.

Hoping that you will be able to secure satisfactory bids and work on the same, and with best wishes, I am,

Respectfully yours,

Wm. A. H. Hays
Superintendent.

Office of
Superintendent of Construction,
 U. S. Mint (New),

Denver, Colo., January 31st, 1901.

Mr. J. H. Taylor,

Supervising Architect, Treasury Department,
 Washington, D.C.

Sir:-

In compliance with instructions in Department circular (initialed S.) of December 31st, 1897, I have to report that the progress of work to date under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, is the same as reported to you on the 31st ultimo, no work having been performed during the month, except a small portion of the copper work on skylight. No voucher has therefore been issued to the contractor for work done this month.

During the month, one copper-smith worked fourteen and one half days and two laborers, twenty-six days.

The weather has been favorable for building construction (masonry work, &c.) on fourteen and one fourth days this month.

Amount of vouchers previously issued on account of contracts, ----- \$186,314.87

Respectfully yours,

Superintendent.

Mr. J. A. McIntyre

determining whether the stone delivered is in "reasonable harmony with the approved sample", I have concluded to take the full shape of the meaning of the above quoted words from said Department letter in reaching a conclusion and have used the poorest cut face on the sample for purpose of comparison. X X X X X X X X X X X X

My conclusion is that the cutting on the cornice stone is far inferior generally to the cutting shown on the poorest face of the approved sample, especially is this the case with the moulded members of the cornice, and the arrises generally are not cut sharp as required. I may state, however, that the finish of the fascia member on a number of the stone approximates closely, generally, to the finish on the poorest face of the sample, although in spots it is left somewhat rough. In many stones the finish tool was not used sufficiently to produce an entire tooled surface, but left "plucked" holes on the face of the cornice. There is no evidence on the finished faces of the moulded portions of the stone that a six cut tool was used, although it is well known that a fairly smooth surface can be obtained by the pean hammer, if the surface be gone over a sufficient number of times. In most of this work, however, and especially on the moulded members, the marks of the axe or pean hammer, are too far apart thus leaving quite a rough surface.

The exposed portion of soffit of cornice between the edges of panels and the modillions is not tooled properly and should be brought up to the necessary finish. As heretofore stated, the work now in place corresponds with the fine six cut sample, and to put on the cornice (which is only 53 feet from grade) the present rough finish would, in my opinion, seriously mar the appearance of the building in one of its main features. The profile of the cornice lacks uniformity as I tested it with a reverse template which I had made and considerable trimming will be necessary after the stone is set to make the lines of the various members come together at the joints. The profile as cut does not correspond with the full size detail on file with your Superintendent; it may, however, correspond with the model which I understand was furnished the contractor. The principal variation is in the upper member of the cornice, the nosing of which projects 5-7/8" beyond the face of the fillet immediately below the cyma recta, instead of 6-7/16", as shown by the full size detail. (I thought it proper to advise you of this condition in connection with the principal matter in hand). It may be well also to mention that stone #62 has a crack in it the full length of the stone, starting at a point 4 feet back of the nosing, running in a direction across the stone towards the nosing within 2'11" thereof, and apparently dying out at a point 1'10" from the opposite side of the stone. I would reject this stone as the overhang of the cornice would make it dangerous. In stone #68 the fillet immediately under the cyma recta is split badly for a distance of several inches near the middle of the stone; the entire face of this

Mr. J. A. McIntyre

stone should be cut back slightly to remedy this defect.

The bondsmen for the contractor are undoubtedly in a trying and expensive position, yet, in justice to the Government, I could not accept the stone as now finished. It is therefore in a spirit of fairness to them, and with a view of properly subserving the Government's interests that I make the following recommendations: I recommend that the finished face of the cornice be recut to harmonize with the cutting shown on the poorest face of the approved sample; that fillets and arrises be cut true and sharp; that the patched stones, where the patch has no support below, be rejected; that the stone with the large black knot and the cracked stone mentioned above, be rejected, and that stone #58 having the split fillet be remedied as suggested.

There are about 1,000 superficial feet in the face of this cornice, and on the facia member it will not take very much tooling to bring that portion to the required finish, the bulk of the latter being necessary on the moldings and arrises and, in my opinion, all the stone could be made ready for setting inside of three weeks; therefore, I would also recommend that the contractor be directed to proceed at once with the work as outlined above.

Respectfully submitted,

(Signed) J. W. Roberts.

The Supervising Architect directs me to demand that you proceed with the finish of said stone and the completion of your contract promptly, and particularly refers to Mr. Robert's statement that the finishing of said stone can be accomplished inside of three weeks. I have therefore to direct that you proceed with this work at once and complete the remaining work under your contract without further delay. The work of cutting the portion of said stone now unloaded at your sheds should be begun at once in order to hasten the work as much as possible.

Respectfully yours,

Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),
Denver, Colo., February 1st, 1901.

Mr. J. K. Taylor,
Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I am in receipt of your letter (initial S.) of the 29th ultimo enclosing a copy of report dated the 23rd ultimo submitted by Mr. J. W. Roberts, Superintendent of Construction of the U.S.P.O. & C.R., San Francisco, California, relative to the work in place in the U.S. Mint building, in this city, under contract with Mr. J. A. McIntyre, and the finish, etc., of the Maine granite for the top member of the cornice, and directing me to demand of the contractor the performance of such work as may be necessary to properly finish said stone.

In reply I have to state that I have informed the contractor in writing concerning said work, a copy of my letter of this date being enclosed herewith.

I am informed that the contractor has directed the sub-contractors to furnish new blocks of granite to replace those which have been patched, as, in accordance with the specification, which states that "no patching or hiding of defects will be permitted", and in con-

cordance with your letter of December 4th, 1900, which stated "you must reject all patched stone work as being at variance with the terms of the agreement", I had demanded new material for the patched blocks, which instructions of mine, fortunately, are not affected by Mr. Robert's statement that "the patched stones, where the patch has no support below, be rejected", but may lead to a controversy later should the contractor desire to patch pieces now having broken crown mouldings, offering to so place the patches that they will have "support below". I also understand that the contractor is making arrangements to obtain possession of the stone now in the railroad yards here intended for this building, and he expects to begin the work of cutting early next week. I will make report regarding the promptness of action and the progress made by the contractor as directed in your letter.

Respectfully yours,

Wm. H. Allen
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., February 4th, 1901.

Honorable H.A. Taylor,
Assistant Secretary, Treasury Department,
Washington, D.C.

Sir:-

I am in receipt of your letter (initial J.A.W.) of the 30th ultimo forwarding, to have the same recorded, the original deed transferring to the United States jurisdiction over the land acquired for the site of the U.S. Mint building, in this city, under my charge.

I will have the deed recorded as directed and return the same to you without delay.

Respectfully yours,

Lee Wilcox
Superintendent.

Office of
Superintendent of Construction,

U. S. Mint (New),

Denver, Colo., February 8th, 1901.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

In compliance with instructions in Office letter (initial S.) of July 19th, 1899, I have to report that the progress of work to date under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, is the same as reported to you on the 31st ultimo, since which date no work has been performed, the weather having been unfavorable for masonry work, etc., on the building.

No work has yet been done in preparing the Maine granite for the cornice. It is understood, however, that the sub-contractors have sent a man here to take charge of the work, but he has not yet arrived.

Respectfully yours,

Wm. H. Miller
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., February 9th, 1901.

Mr. J. A. McIntyre,

Room # 402 Cooper Building,
Denver, Colorado.

Sir:-

Referring to the matter of additional cutting required to finish the Maine granite for the cornice of the U.S. Mint building, in this city, now under your contract, I have to call your attention to the concluding paragraph of my letter of the 1st instant, to you, that "The Supervising Architect directs me to demand that you proceed with the finish of said stone to complete your contract promptly, and that the work of cutting said portion of stone now at your sheds should be begun at once".

As no action on your part, looking to the compliance with the directions referred to, has been taken, I shall be compelled to report the matter for further action by the Department unless the work is begun without further delay.

Respectfully yours,

Lawrence
Superintendent.

7-01-0-6-7-0-0

Office of

Superintendent of Construction,

U. S. Mint (New),

Denver, Colo., February 13th, 1901.

Supervising Architect,

Treasury, Washington, D.C.

From Robert's report, Jan. 23., sub-contractor infers patching granite is allowable if patches are supported below. Propose modifying patches on Maine granite to meet that requirement. Before receiving Robert's report contractor intended supplying new blocks. Think your letter Dec. 4, last, concerning patching, should govern. Patches will be plainly visible. Wire instructions.

Hilary,

Sept. Mint.

Official Business,
Gov't Rates, Collect.

Office of
Superintendent of Construction,
U. S. Mint (New),
Denver, Colo., February 15th, 1901.

Mr. O. E. Kemper,

Chief Executive Officer,

Office of the Supervising Architect,

Treasury Department, Washington, D.C.

Sir:-

I have to request authority to make an expenditure of Nine Dollars and Fifty Cents (\$9.50) for two tons of coal, 2240 lbs. each, for use in the temporary office at the U.S. Mint building, in this city, under my charge.

Respectfully yours,

John B. Blevins
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., February 14th, 1901.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D. C.

Sir:-

In compliance with instructions in Department circular (Initial S.) of December 31st, 1897, I have to report that the progress of work to date under Mr. J. A. McIntyre's contract for Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, is the same as reported to you on the 31st ultimo, no work having been performed at the building since that date.

The sub-contractors for the Maine granite are preparing the same for use in the building, finishing the stone satisfactorily, and it is likely that all of the stone delivered that can be used will be prepared for setting by the end of this month. About six pieces, to substitute for the patched blocks previously received, must yet be delivered to complete the stone work.

It is intended to set the stone as finished, so that by the latter part of March, next (unless the weather interferes).

the cornice can all be set, unless the six pieces to be received cause delay, owing to the condition of the quarry in Maine or the lack of disposition on the part of the sub-contractors to supply this stone promptly.

By the end of March the work of putting in place the roof covering should be well advanced, permitting the placing of interior terra cotta partitions, etc., with reasonable safety. So that it seems reasonable to expect the contractor to finish the present contract complete by the fifteenth or last of May, next.

So far this month, twenty granite cutters have worked two days; one coppersmith, four days, and two laborers, ten days.

The weather has been favorable for building construction (masonry work, &c.) one and three quarter days thus far this month.

Respectfully yours,

W. C. Kelley
Superintendent.

Office of
 Superintendent of Construction,
 U. S. Mint (New),

Denver, Colo., February 14th, 1901.

Honorable Lyman J. Gage,
 Secretary of the Treasury,
 Washington, D.C.

Sir:-

I hereby certify that from January 15th, 1900, to February 2nd, 1901, inclusive, I was unable to perform my duties at the U. S. Mint building, in this city, owing to an accident to my left foot. A certificate from the physician who attended me during said period is herewith enclosed.

Respectfully yours,

James C. Wilson
 Watchman.

Mr. E. C. Wilson, being duly sworn, deposes and says that the above statement is true and correct.

My Commission expires Jan. 5, 1902.

James C. Wilson
 Notary Public in and for
 Colorado Co. Colo.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., February 18th, 1901.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I am in receipt of your letter (initial S.) of the 14 instant amplifying your telegram of same date relative to patching of the Maine granite for the cornice of the U.S. Mint building, in this city, under Mr. J. A. McIntyre's contract.

In reply, will say that Mr. McIntyre's representative (Mr. Truxtun) told Mr. Roberts and myself that there was no protest against rejecting patched blocks and that new ones would be furnished and substituted for the same. I believe that owing to Mr. Truxtun's statement Mr. Roberts was no so cautious in wording his recommendation regarding the patched stones as he would have been had he believed that their rejection was an issue. I know from conversation with Mr. Roberts that he intended the stones with patches which he saw should not be used. When the sub-contractor's foreman (who I understand

Mr. J. K. Taylor-----2

was their foreman at the Philadelphia (pt) came here he proposed to use the patched blocks by removing the patches and inserting larger ones which would extend back sufficiently far to have support below, or would insert brass dowels through the patches at the joints. The patch would have been exposed to view and the joint lines surrounding the patches would soon show the defect, as I have noticed in the case with patches I have seen on other buildings.

Your telegram of the 14th instant covered the points at issue, and the patches coming at the joints have been removed and by the use of blocks of greater length, in connection with the blocks from which patches have been removed, the stone may be utilized, the joints, however, (which come over alternate modillions) will come a trifle off the center of the modillion in three or four instances on the rear or alley side of the building without patching, thus avoiding delay and securing satisfactory and substantial work.

In case of contracts based upon specifications prohibiting the use of patched stone, I do not consider it proper to accept patched stone work generally, but where accidents have happened breaking large valuable blocks which have been prepared for setting, I consider it no detriment to the Government's interests to permit patching if two conditions are complied with

W. A. Taylor---3

First. The patching must not be visible (the joint lines surround the patch coming in a quirk of the moulding or angle of the stone work, in which case the appearance of the building is not marred). Second. The patch must be so located and inserted into the wall that it can not be removed after the stone so patched has been set in place. It was in such a case as this that on September 7th, 1900, I recommended to you that authority be given to allow the use of a patched stone, which authority was granted and the work done satisfactorily.

I wish further to add that the contractor's object in making the recent fight to have the Maine granite used without recutting the same was to establish grounds for a claim for damage for extra finish on the stone work already in place. For if it were established that the finish of the cornice stone (the Maine granite) as received was fine 6-cut work, as required by the specification, then the stone below it already cut was much more, showing that we had exacted too much work from the contractor in finishing the Arkins granite for the building. The sub-contractor's man (from the Philadelphia Mint) states that he is free to confess that the finish of the Maine granite is not fine 6-cut work, but is making quite a stubborn fight to secure the acceptance of the stone with as little additional cutting as possible.

The contractor would also have filed a claim for damage

Mr. J. E. Taylor

if we had accepted the Maine granite with patches, requiring only that the patches be supported below, as we required a great many broken stones of the Maine granite to be rejected which could have been so patched that the patches would have supported them and would have been exposed to view. Your telegram of the 14th instant will likely prevent such a claim, by requiring that patches must not be visible and must be such that when the stone is set in place the patches will be securely held in place without the introduction of special supports.

Respectfully yours,

Theodore Tilton
Superintendent

Office of

Superintendent of Construction,

U. S. Mint (New),

U. S.

Denver, Colo., February 18th, 1901.

Honorable H. A. Taylor,

Assistant Secretary, Treasury Department,

Washington, D. C.

Sir:-

In accordance with instructions in your letter (initial J. A. W.) of the 30th ultimo, forwarding to me the original deed, dated June 11th, 1896, signed by the Honorable Albert W. McIntire, Governor of the State of Colorado, transferring jurisdiction to the United States over the land required for site of the U. S. Mint building, in this city, I have had the same recorded and return it herewith by registered mail. The expense of recording was One Dollar, which I paid, and I forward under separate cover vouchers for that amount for payment by the Department.

Respectfully yours, .

John A. McElroy
Superintendent.

Office of
Superintendent of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., February 18th, 1901.

Honorable Postmaster General,
Washington, D.C.

Sir:-

In compliance with instructions from Honorable H.A. Taylor, Assistant Secretary of the Treasury Department, I forwarded to-day an official document by registered mail. The postal officials in this city required me to pay registry fee which, although small in itself, seems unreasonable in view of the fact that it was official matter and registered under instructions from the Assistant Secretary.

I will be pleased to know whether the postal regulations or laws require such payment on Government matter, and if so, whether modifications could be made to abolish this custom in the interest of simplifying official transactions and saving the annoyance of preparing vouchers for reimbursement, which would be following the precedent established years ago by abolishing the use of stamps for postage on official communications.

Respectfully yours,

W. H. Bell
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

H. S. Denver, Colo., February 19th, 1901.

Mr. C. E. Kemper,

Chief Executive Officer,

Office of the Supervising Architect,

Treasury Department, Washington, D.C.

Sir:

I request authority to make an expenditure of Five Dollars (\$5) for the purchase of a book rack or case, with shelves, to protect office books and records and permit ready and easy access to the same, in the office of Superintendent of Construction, U.S. Mint building, in this city, under my charge.

It is necessary to provide this case owing to the fact that my office desk (which cost \$22. and was purchased with a view to economy) does not afford suitable provision for the office books.

Respectfully yours,

H. S. [Signature]
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., February 21st, 1901.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

Referring to the matter of Maine granite for the cornice of the U.S. Mint building, in this city, under Mr. J. A. McIntyre's contract, I have to inform you that in preparing the same we have discovered a broken stone (in addition to the one mentioned in Mr. J. W. Robert's report of the 22nd ultimo), and, as I informed the sub-contractor's foreman I could not accept it, he requested me to inform you of the condition of the stone and ask authority to use the same. I stated to him that I did not believe that you would authorize its acceptance as the stone does not appear to have sufficient strength to support the over-hang together with the weight of roof and gutter coming upon it.

I forward for your information a sketch with the break indicated in red, from which you will see that the fracture extends longitudinally in the bottom of the stone from end to end. At one end, 10" back from the panel, it extends to within 4" of

Superintendent

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the top of the stone. At the farther end, 12" from the panel, as indicated by the dotted lines, it extends 4" into the stone from the bed. As the top member of the cornice is not bedded on top of the modillion, it will have but 6" bed at one end and 8" bed at the other, in front of the fracture.

I will thank you to inform me by wire whether I shall accept the stone.

Respectfully yours,

Wm. S. Kelley
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., February 23rd, 1901.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

Complying with instructions in Office letter (initial S.) of July 19th, 1899, I have to report that the progress of work to date under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U.S. Mint building, in this city, is substantially the same as reported to you on the 31st ultimo, since which time no work has been performed at the building, except the construction of vent shafts above attic floor line, one of which has been practically completed. The others are practically finished to roof line.

The sub-contractors for the Maine granite are preparing the same for use in the building. Approximately half the stone supplied has been repressed. Probably half a dozen pieces must yet be supplied to substitute for broken and patched blocks. The workmanship on the granite delivered was very bad, but can generally

ly be satisfactorily finished. In a few cases drill holes were left in the soffits and exposed to view near the rear of the projecting portions. These, being small, about one half inch in diameter, are being filled with a German cement rendering the same as hard as the stone and too small to be visible after the stone has been put in place.

I am still of the opinion that the contract should be completed by the middle or last of May, next, as stated in my report on the 14th instant.

It is likely, however, that some delay will result from the fact that the contractor has not a competent foreman in charge of the work at the building. While Mr. McIntyre himself will probably spend some time at the building, he himself is not a practical builder, and his foreman, Mr. John Roy, is uneducated and not capable of reading and understanding the drawings and specifications for the work, or planning the same to accomplish the best results as to time of completion. Mr. Roy is a butcher by trade and until recently was a laborer connected with the work on the building, and on two occasions I saw him cheat in mixing cement so that I do not consider him honest, which is probably the reason Mr. McIntyre had him promoted to the position of foreman.

So far this month, twenty-three granite cutters have worked eight days; one stonemason, one and one fourth days; one

bricklayer, one and one fourth days; one coppersmith, ten and three fourth days, and three laborers, eighteen and one fourth days.

The weather has been favorable for building construction (masonry work, &c.) on six and one half days thus far this month.

Respectfully yours,

John C. Kelly
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., February 28th, 1901.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D. C.

Sir:-

Complying with instructions in Department circular (initial S.) of December 31st, 1897, I have to report that the progress of work to date under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, consists in the completion of the exterior walls, except the top member of the cornice, one piece of which has been put in place; interior chimney to near attic floor line; the completion of two attic vents and the remainder to near roof line; the east area and coal vault, complete; exterior marble work, complete; the iron work (except a portion of the roof framing which has not been assembled, and a part of that assembled is subject to change when placing the granite cornice); cash bars and a portion of the copper work of skylight; drain pipes in basement, and practically all down pipes, complete; connection with the storm and sanitary sewer

from lot line to city sewer; nearly all the terra cotta partitions in basement and a portion of those in the first story; brick and terra cotta arches of the first and mezzanine floors complete, and a portion of those of the second floor have been put in place.

It is probable that all of the Maine granite delivered for the top member of the cornice will be finished and ready for setting by the middle of next week. About five or six pieces are yet lacking, and no information can be obtained as to when they will be received.

During the month, twenty-three granite cutters worked twelve days; one stonemason, three and three fourth days; one bricklayer, three and one fourth days; one copper smith, fourteen and three fourth days, and four laborers, twenty-two and one fourth days.

The weather has been favorable for building construction (masonry work, &c.) on nine and three fourth days during the month.

Amount of voucher issued to contractor during the month ----- \$ 504.00

Amount of vouchers previously issued on account of contracts ----- \$ 186,314.87

Total ----- \$ 186,818.87

Respectfully yours,

Superintendent

Office of
 Superintendent of Construction,
 U. S. Mint (New),
 Denver, Colo., March 8th, 1901.

Mr. J. A. McIntyre,
 402 Cooper Building,
 Denver, Colorado.

Sir:-

Referring to the finish of the Maine granite for the cornice of the U. S. Mint building, in this city, under your contract, I have to call your attention to the fact that, in several cases, the paneling in the soffits of the stones, when set, does not conform to the spacing of the modillions, leaving a much wider margin on one side than the other which must be remedied before the stone can be accepted. Whether the same is remedied before or after the stone is delivered at the building and set, is a matter left to your own choice. The margins along the panel in each space between the modillions must be approximately of the same width.

As you are aware, delivery of the stone at the building, the setting or partial payment for the same, does not imply its acceptance under your contract, and the material will not be accepted until made satisfactory.

Respectfully yours,

Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., March 8th, 1901.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

Complying with instructions in Office letter (Initial S.) of July 19th, 1899, I have to report that the progress of work to date under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint Building, in this city, is substantially the same as reported to you on the 28th ultimo, since which time no work has been performed except the completion of the four chimney vents above roof line and the placing of a few cornice stones.

So far this month, nineteen granite cutters have worked five and three fourth days; one stonemason, four and one fourth days; one bricklayer, four and one fourth days, and eleven laborers, five and one fourth days.

The weather has been favorable for building construction (masonry work, &c.) on four and three fourth days thus far this month.

Respectfully yours,

Wm. S. Silliman
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., March 9th, 1901.

Mr. J. A. McIntyre,

Room No. 402 Cooper Building,
Denver, Colorado.

Sir:-

I am in receipt of your letter of the 6th instant making proposition, in amount Twenty-five Dollars (\$25), as an addition to your contract, for bolting the wood fillers to the channel iron back of the roof gutter on the U. S. Mint Building, in this city, under your contract, and have forwarded said proposition to the Supervising Architect, Washington, D. C., for his consideration.

Respectfully yours,

Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),
Denver, Colo., March 9th, 1901.

Mr. J. E. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I enclose herewith proposal, in amount Twenty-five Dollars (\$25), from Mr. J. A. McIntyre, contractor for the foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, for bolting the wood work to the channel back of roof gutters, as shown on Drawing No. 43, said drawing being a detail sheet forwarded me on May 20th, 1898.

Inasmuch as the specification for the work, page B-3, first paragraph, requires the wood fillers to be bolted to the iron front of gutters, and Drawing No. 19, forming part of the contract set, also requires the bolting of the wood fillers to the gutter front, no reference being made to the bolting to the channel, back of the gutter, and as I consider it beneficial to secure the wood fillers to the iron back of the gutters as well as the front and the proposition being reasonable, I recommend its acceptance.

Respectfully yours,

Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., March 9th, 1901.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I am this day in receipt of your letter (initial E.A.C.) of the 23rd ultimo (referred to me from the Superintendent of Construction, U.S. Mint Building, Philadelphia, Penn.) requesting me to procure a sample of the water furnished for the U.S. Mint Building, in this city, under my charge, and forward the same to your Office for analysis and directing me to obtain and forward a copy of a recent analysis of the water, if possible.

Complying with your request, I forward to you this day, by express, one quart of the water taken from the main in Evans Street at this building, but have as yet been unable to obtain an analysis as offices are closed at noon on Saturdays.

As stated in my letter to you on May 14th, 1900, the Water Company had at that time no schedule showing an analysis of the water. I will, however, early next week endeavor again to secure an analysis and forward the same to you as requested.

Respectfully yours,

Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., March 11th, 1901.

Mr. C. F. Craner,

Superintendent of Construction, U. S. Post Office,
Salem, Oregon.

Dear Sir:-

I am in receipt of your letter of the 6th instant, also of the 7th instant, forwarding a copy of your report on the terra-cotta for South Omaha, and thank you for your kindness in the matter.

Referring to your inquiry relative to obtaining a flag, I will say that I simply write to the Chief Executive Officer, Office of the Supervising Architect, requesting that he have a flag forwarded to me to be erected over my office.

Again thanking you for your kindness and with best wishes,

as, I am

Respectfully yours,

Wm. B. Wilson
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (Nev),

Denver, Colo., March 14th, 1901.

Mr. C. B. Kasper,

Chief Executive Officer, Office of Supervising Architect,
Treasury Department, Washington, D. C.

Sir:-

Complying with instructions in Department circular (initial S.) of December 21st, 1897, I have to request authority to make an expenditure of Five Dollars (\$5) for two photographic views of the U. S. Mint building, in this city, under my charge, said views to be taken on the 30th instant.

Respectfully yours,

W. H. H. H.

Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., March 18th, 1901.

Mr. J. H. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

Complying with instructions in Department circular (initial S.) of December 31st, 1897, I have to report that the progress of work to date under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U.S. Mint building, in this city, consists of the work reported on the 26th ultimo with the addition of the completion of the four vents from attic floor line to and including the finished stone work above roof line and the setting of the main cornice stone along the top of the east wall of the building ready for finishing the roof framing.

All the satisfactory granite delivered from Maine for the cornice has been cut and is practically ready for setting. Four additional pieces have been ordered to substitute for broken and matched pieces, which number includes a new block to substitute for the broken one mentioned to you in my letter of the 21st ultimo.

no, to which letter I had received no reply and therefore insisted upon the rejection of the block.

So far this month, fourteen granite cutters have worked nine and three fourth days; one stonemason, three and three fourth days; one bricklayer, five and one fourth days, and ten laborers, ten and one fourth days.

The weather has been favorable for building construction (masonry work, etc.,) on ten days thus far this month.

Respectfully yours,

John S. ...
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (new),
Denver, Colo., March 18th, 1901.

Mr. J. E. Payler,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I am in receipt of your letter (initial E.A.C.) of the 13th instant, forwarding to me a print of drawing #59 showing the approaches to the U.S. Mint building, in this city, under my charge, and requesting information relative to the grades, &c. thereon.

The drawing referred to was received to-day and I conferred with the city officials regarding the grades and was informed by the City Engineer connected with the Board of Public Works, that Colfax Avenue, east of Evans Street, is to be asphalted soon and that it may be necessary to change the grades on said avenue on the side of the Mint site. He promised to inform me within a day or two whether the change of grades will be necessary and I have therefore been compelled to defer returning the drawing with the information requested until I receive the information mentioned from said official.

Respectfully yours,

Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., March 18th, 1901.

Mr. J. E. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I forward herewith a clipping from a Denver paper to which my attention has been called relative to a decision in the County Court concerning the plumbing for the U.S. Mint building, in this city, under my charge, which matter is referred to you in order that you may consider the advisability of recognizing the city officials in this matter by submitting plans to them prior to asking bids for the plumbing work.

I called at the office of County Clerk and was informed that the statements in the newspaper clipping are correct, that the contractor has been fined but contemplates taking an appeal in the case.

Respectfully yours,

Wm. C. Cady
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., March 22nd, 1901.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I return to-day, by mail, under separate cover, print of drawing #63, being approach plan for the U.S. Mint building, in this city, under my charge, with the information called for on said drawing and your letter of the 13th instant.

I made inquiry of the Board of Public Works relative to grading of the alley on the south side of the site and was informed that, owing to the limited appropriation for street improvements and the great number of miles of streets in the city to be improved and repaired, the city officials are not willing to grade said alley, saying that there is no general demand for said work at this time. I therefore recommend that the contract for the approaches include the grading of the alley in order that the retaining wall may be properly and satisfactorily constructed. The present elevations of surface of the alley are indicated in red on the drawing.

The established grades outside the site at the corners

Mr. J.K. Taylor-----2

10. 11

12. 11 12. 11

of the same are in accordance with your figures noted on the plan, except at the corner of the alley and Evans Street which is indicated in red on the plan, the grade having been changed by Ordinance 14 of 1898, a copy of which is enclosed with this letter. The distance from Colfax Avenue corner to 14th Avenue corner, along Evans Street, is five hundred (500) feet, the rise toward 14th Avenue between said points being three (3) feet which makes the grade at the corner of Evans Street and alley 58.40, as noted. The engineer connected with the Board of Public Works informed me this morning that after careful investigation he decides that there is no necessity for additional change of official grades along the streets at this building.

No grading of the lot has been done under the present contract, but considerable grading and filling will be necessary in order to leave the grades at the levels existing when work under the present contract began, the grades being shown on the plat forwarded to your office with my letter of August 30th, 1897. The present contract provides for back filling of foundation walls to grade line, and along driveway in the rear, to the grade of the driveway, and all surplus earth, rubbish, etc., caused by the work to be removed from the premises. I will therefore require the contractor, in accordance with said provisions, to finish the

Office of
Superintendent of Construction,
U. S. Mint (New.

Denver, Colo., March 22nd, 1901.

Mr. John H. Mitchell,

Postmaster, Pueblo, Colorado.

Dear Sir:-

In talking with a heating and boiler man in connection with the heating apparatus, etc., for this building, he showed me a pamphlet for a water purifier which he states he is agent for and has installed for the Traction and Electric Company in your city. From what he states concerning the apparatus, I believe it is just the thing for use in your building in order to save future expense and repiping for water service and to prevent scales in the boilers which seems to be so bad from using the Pueblo water.

He also informs me that if you will talk with Mr. Vaille, of the Pueblo Traction and Electric Company, and find out how satisfactory the apparatus works, you will feel willing to recommend to the Department that it be given a trial. He offers to put the apparatus in place and permit its use for a period of time as a trial before any payment is made, and, if unsatisfactory, it will be removed without expense to the Government, which I consider is fair and

If the apparatus works as satisfactorily as he says it does and which no doubt you can ascertain from Mr. Vaille, I am quite sure the Department will be willing to give it a trial, as it will save several times its cost in repiping and a continual saving of fuel owing to the fact that it prevents scaling in the boilers.

Hoping that this may be of some benefit in avoiding trouble and expense in your building, I am

Respectfully yours,

Wm. D. Kelley
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),
Denver, Colo., March 23rd, 1901.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

Complying with instructions in Office letter (initial
S.) of July 19th, 1899, I have to report that the progress of work
to date under Mr. J. A. McIntyre's contract for the Foundation, Super-
structure and Roof-covering of the U. S. Mint building, in this city,
shows modification since the 26th ultimo in the cornice work, the
entire cornice of the building on the east and north sides having
been completed ready for the roof covering, the iron work of which
has practically all been put in place or requires only a little
additional work to place the same.

So far this month, nine granite cutters have worked six-
teen and one fourth days; one bricklayer, three and three fourth
days; one stonemason, nine and three fourth days, and eleven labor-
ers, sixteen and one fourth days.

The weather has been favorable for building construction
(masonry work, &c.) on fourteen and one fourth days thus far this
month.

Respectfully yours,

Superintendent,

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., March 25th, 1901.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

Referring to your letter (initial H.A.C.) of the 22nd instant, informing me of the non-receipt of the sample of water to be supplied in connection with the U.S. Mint building, in this city, forwarded to you on the 9th instant for analysis, I have, in accordance with your request, this day forwarded to you, by express, an additional sample. I enclose herewith the receipt from the express company for each package sent you.

I also forward for your consideration a copy of an analysis made by the Board of Health, of this city, of the water supplied at the City Hall Building, which I am informed is from the same supply as that to be furnished to this building, which analysis may furnish some useful information in this connection. The city water company on the 12th instant obtained a sample here for analysis, but have not yet reported on the same.

I also forward herewith a circular issued by the Tweed-

dale Water Softening and Purifying Company, relative to their process for removing objectionable materials from the water for use in boilers and for drinking purposes. I am informed that this company has supplied and put in place an apparatus in Pueblo, Colorado, and that it has given entire satisfaction, the water supplied at Pueblo being very bad, as you are aware from the damage it has done to the water pipes, etc., at the U.S. Post Office building, in that city; so that it may be advisable to consider this system in connection with the use of water to be supplied at this building. In my opinion, it would be more economical to put down a well on the site here, even if it became necessary to use the purifying apparatus, than to use the city water for which exorbitant charges are made and which may also require the use of such an apparatus. It seems that an abundance of water is to be found at twenty-five (25) feet below grade line on the site here, as we experienced great difficulty, in sinking the basement wells in the summer of 1898, in keeping the water from the excavation until the well foundations were in.

As soon as the statement is furnished by the Water Company showing the analysis referred to, I will forward the same for your consideration.

Respectfully yours,

Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),
Denver, Colo., March 26th, 1901.

Mr. J. K. Taylor,
Supervising Architect, Treasury Department,
Washington, D. C.

Sir:-

I have to acknowledge the receipt of your letter (initial S.) of the 23rd instant regarding the approaching completion of all work under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, and requesting me in submitting my report at the close of this month to state the probable date when, in my opinion, all work embraced in said contract will be completed, which instructions I will endeavor to comply with as fully as possible.

Respectfully yours,

John S. Collins
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., March 26th, 1901.

Mr. J. A. McIntyre,
402 Cooper Building,
Denver, Colorado.

Sir:-

The Supervising Architect desires to know, as nearly as possible, when the work under your contract for the Foundation, Superstructure and Roof-covering of the U.S. Mint building, in this city, will be completed, and I will thank you to inform me as early as possible how much time will yet be required, according to your present plans, to complete the remainder of the work including the roof cornice, chimney, roof covering, skylight, areas, steps, etc., as well as the terra cotta floor arches and partitions.

Respectfully yours,

W. H. Brown
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

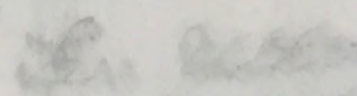
Denver, Colo., March 26th, 1901.

Mr. J. A. McIntyre,
402 Cooper Building,
Denver, Colorado.

Sir:-

I am in receipt of your letter of the 25th instant relative to jointing copper covering of skylight turret under your contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, which letter has been forwarded to the Supervising Architect, Treasury Department, for his decision.

Respectfully yours,


Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),
Denver, Colo., March 26th, 1901.

Mr. J. K. Taylor,
Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I forward herewith a letter of the 25th instant from Mr. J. A. McIntyre, contractor for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, requesting instructions relative to jointing the copper covering of skylight turret.

The detail on drawing #35 shows the copper cap flashing, or apron, extending up under the lower edge of the bottom louvre, which is lapped over the same, not showing whether a lock or soldering is intended. I have directed that, in order to make a satisfactory joint, the lower portion of the louvre, and the copper covering of stiles between louvres, be turned up for a locked joint along the same line, and the copper apron have lock turned down into the pane from the outside, and soldered. The contractor objects to making the locked and soldered joint and prefers lapping the louvre about one half inch over the apron, as he considers the detail will permit, and secure the copper to the wood work with

nails with covered caps.

As the expansion and contraction of copper is very great, it will tear nail holes, possibly loosen the nails and will soon break the solder loose where soldered on lapped joints, so that I consider it necessary to have the locked and soldered joint in order to make first class work, which I have insisted upon where the same is possible; and, as the lower portion of the louvre, etc., in this case can be turned outward and upward, so as to let the lock of the apron fit into the same, it can easily be soldered and is not "nearly a mechanical impossibility" as the contractor states.

I desire also to ask whether it would not be advisable to extend the copper work of deck covering up about three inches higher than is shown on the detail (that is, carry it to bottom line of louvres), to serve as a flashing and prevent water from melted snow backing up under the copper apron and entering the building, deep snows being very frequent here. If you consider it advisable to have the copper work carried to the additional height, I will obtain from the contractor a proposition in accordance therewith and forward the same to you for consideration. I do not think it beneficial to extend the copper deck covering higher if the apron is to be secured by nailing to the wood work, as this would perforate the copper inside and permit leaks.

I will thank you to inform me on these two points as soon as possible.

Respectfully yours,

Wm. S. ...
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., March 29th, 1901.

Mr. J. A. McIntyre,


402 Coeper Building,

Denver, Colorado.

Sir:-

I am in receipt of your letter of the 27th instant making proposal, in amount Thirty-five Dollars (\$35), for additional copper work of deck roof covering to extend under the covering of skylight turret of the U.S. Mint building, in this city, under your contract.

Respectfully yours,


Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colorado, March 29th, 1901.

Mr. J. A. McIntyre,

402 Cooper Building,

Denver, Colorado.

Sir:-

I am in receipt of your letter of the 28th instant containing information relative to the time of completion of work under your contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, which information will be forwarded to the Supervising Architect for his consideration.

Respectfully yours,

Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., March 30th, 1901.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

Complying with instructions in Department circular (initial S.) of December 31st, 1897, I have to report that the progress of work, to date, under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, consists in the completion of the exterior walls, with the exception of one third of the top member of the cornice; completion of the chimneys, except one; completion of nearly all the iron construction (two hips, a few rafters and three fourths of the T-iron purlins remain to be placed); the east area and coal vault, complete; skylight framing and one half the copper work of the skylight turret in place; the brick and terra cotta arches of the first and mezzanine floors and a portion of the terra cotta arches of the second floor; the down pipes and basement drain pipes in place complete, and storm and sanitary sewers are in

place from lot line to city sewers in Colfax Avenue.

The work not yet completed consists of the main entrance steps and foundations for the same; west area walls and floor; the top member of the cornice on the south wall of the building; chimney "A" above roof line; cleaning and pointing joints of all stone work; the terra cotta arches of the entire attic floor and nearly the entire second floor; new arches to be substituted for the defective terra cotta arches of the first and mezzanine floors; one half the terra cotta partitions in the first story and all of those above; the glass, screens, etc., of roof skylight, and the entire roof covering including buck tile, Spanish tile and copper work of the same.

The contractor informs me that he has arrangements made so that the entire remainder of the work under his contract will be completed by June 1st of this year. While such is possible, I am quite sure he will require about three months from this time unless better management is secured and better results accomplished than during the past. I estimate, however, that he will likely complete all the work under his contract by the latter part of June, next. Considerable of the roof sheering could have been put in place this month, as reported to you on the 20th ultimo, but the work was allowed to drag. Work on the roof covering will likely begin about

the middle of next week and should all be on and a large part of the terra cotta floor arches set by the end of April, and arches and partitions completed by the end of May, next.

During the month, seven granite cutters worked twenty and one fourth days; one bricklayer, three and three fourth days; one stonemason, eleven and one half days; four iron workers, five days and eleven laborers, twenty-two and one fourth days.

The weather has been favorable for building construction (masonry work, etc.) on eleven and three fourth days during the month.

Amount of voucher issued to contractor during the month,

----- \$ 10,000.00

Amount of vouchers previously issued on account of con-

tracts ----- \$ 100,000.00

Total ----- \$ 110,000.00

Respectfully yours,

John C. ...
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., March 30th, 1901.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

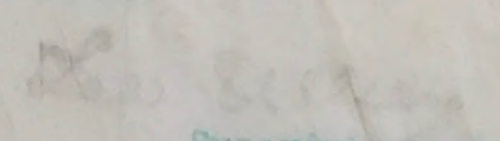
Referring to the flag staff to be furnished under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, the length of which, according to the specification, is to be thirty-eight (38) feet, I have to inform you that the contractor has delivered a piece of Oregon pine for said purpose, the length of which is only thirty-six (36) feet, the mistake having apparently been made by the lumber firm which furnished the timber.

In view of the fact that the contractor has consumed nearly three months in obtaining this piece of timber which same time would probably elapse in securing another, he desires permission to use the same by splicing the additional two feet to the bottom of the staff, using four fish plates, each 10" wide, 1/2" thick and 4'6" long securely bolted together.

Inasmuch as considerable delay will be occasioned in

securing another flag staff, and as the present one is of excellent material and after splicing will, in my opinion, be amply strong, I recommend that authority be given me to permit its use when spliced in the manner suggested.

Respectfully yours,


Superintendent .

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., April 1st, 1901.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D. C.

Sir:-

Referring to the matter of testing the terra cotta floor arches under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, I have to inform you that it is the intention of the contractor to make the platform, etc., in accordance with miscellaneous drawing No. 29, forwarded to me on October 5th, 1900, and to test the arches in accordance with instructions contained in your letter of said date.

The terra cotta floor arches already in place, having been subjected to storms and freezing weather for the past fourteen months, are, more or less, in bad condition, a very large portion of them being broken from frost and considerable efflorescence having formed on the joints. A large portion of the arches in place therefore is unsuitable to receive plastering and I shall

probably be compelled to reject considerable of the work in place on account of the efflorescence in addition to rejecting the arches not capable of sustaining the load required by the test you direct.

The sub-contractor expects to have enough of the roof covering on by the 20th instant to protect said arches after that date, and I contemplate beginning the work of testing the terra cotta floor arches about that time so as to permit the furnishing of new material to substitute for the rejected work and prevent delay.

If you desire to send an inspector to assist me in testing said arches, I advise that he be here by the 20th instant. I understand that some difficulty has been encountered with the terra cotta work in the South Omaha building, the material for which was furnished and put in place by the Griffin Clay Manufacturing Company, who are furnishing the terra cotta for this building, and I consider it advisable to be very cautious in the selection and use of their terra cotta.

Respectfully yours,

Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., April 1st, 1901.

Mr. J. K. Taylor,

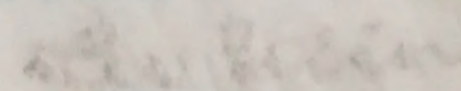
Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I am in receipt of your letter (initial J.C.P.) of the 29th ultimo, enclosing copy of Department letter of even date accepting proposal (in amount, Twenty-five Dollars \$25) of Mr. J. A. McIntyre, contractor for the Foundation, Superstructure and Roof-covering of the U.S. Mint building, in this city, for bolting the wood work to the channel back of roof gutters, as shown on drawing No. 45.

Vouchers in payment for said work will be certified and issued according to instructions.

Respectfully yours,


Superintendent.

Office of
 Superintendent of Construction,
 U. S. Mine (244),

Denver, Colo., April 28, 1901.

Mr. C. B. Kemper,

Chief Executive Officer, Office of Supervising Architect,
 Treasury Department, Washington, D.C.

Sir:-

I have the request authority to make an expenditure of six Dollars and seventy-five Cents (\$6.75) for the payment of the month's water rent, from May 1st, 1901, and One Dollar and thirty Cents (\$1.30) for ten gallons of coal oil, each for use in the temporary office at the U.S. Mine building, in this city, under my direction.

Respectfully yours,

Wm. H. Hays
 Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., April 3rd, 1901.

Mr. J. A. McIntyre,

402 Cooper Building,

Denver, Colorado.

Sir:-

Complying with the request contained in your letter of the 2nd instant, relative to the number of cubic feet of Platte Canon granite included in your contract for the Foundation, Superstructure and Roof-covering of the U.S. Mint building, in this city, I have to inform you that my estimate shows the total of $11507\frac{2}{3}$ cubic feet of said granite required, of which you have been paid for $10670\frac{2}{3}$ cubic feet, leaving 837 cubic feet of said granite to be paid for as soon as the same is put in place.

Respectfully yours,

W. L. R. C.
Superintendent.

Office of
Superintendent of Construction,

U. S. Mint (new),

Denver, Colo., April 4th, 1901.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,

Washington, D.C.

Sir:-

I forward herewith duplicate photographic views of
the work on the U. S. Mint building in this city, under my charge,
as authorized by Office letter of March 20th, 1901.

Owing to sickness of the photographer, said views were
not taken until the 1st instant, as dated.

Respectfully yours,

Geo. C. ...
Superintendent.

Office of
Superintendent of Construction,

U. S. Mint (New),

Denver, Colo., April 5th, 1901.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

In compliance with instructions in your letter (initial E.A.C.) of the 2nd instant, I forward you this day, by express, for analysis, one gallon of water taken from the main in front of the U.S. Mint building, in this city.

Referring to the last paragraph in your letter, that I prepare an estimate, etc., for sinking well or wells for water supply in connection with this building, I have to state that as soon as I can obtain data, etc., sufficient to prepare said estimate, I will comply with your request.

Respectfully yours,

Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., April 5th, 1901.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I am in receipt of your letter (initial J.C.P.) of the 2nd instant directing me to obtain a proposal from the contractor for the Foundation, Superstructure and Roof-covering of the U.S. Mint building, in this city, for raising the flashing around skylight turret as indicated by the sketch enclosed in your letter, and in reply I have to say that I have called upon the contractor for the proposal in accordance with said sketch.

Respectfully yours,

Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., April 5th, 1901.

Mr. J. A. McIntyre,

402 Cooper Building,

Denver, Colorado.

Sir:-

Referring to your proposal of the 27th ultimo, in amount Thirty-five Dollars (\$35) for additional copper work, extending roof covering three inches (3") higher than shown on the drawing, under copper work of the skylight turret of the U. S. Mint building, in this city, under your contract, I forward you herewith a tracing prepared by the Supervising Architect indicating the additional copper work by dotted lines, and I will thank you to re-submit your proposal based upon the work shown by said dotted lines in order that action may be taken by the Supervising Architect.

In view of the fact that your proposal approximates seventy-five cents per square foot for the copper work, in place, I have to request that you carefully review your figures in order to reduce the amount of the proposal, if possible.

Respectfully yours,

Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., April 5th, 1901.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I am in receipt of your letter (initial B.A.C.) of the 2nd instant, enclosing tracing showing arrangement of copper work at the bottom of louvers of skylight turret of the U.S. Mint Building, in this city, and have forwarded said tracing to the contractor for his guidance in performing the work.

Respectfully yours,

Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),
Denver, Colo., April 5th, 1901.

Mr. J. A. McIntyre,
402 Cooper Building,
Denver, Colorado.

Sir:-

Referring to your letter of the 25th ultimo, relative to jointing the copperwork around skylight turret at the bottom lines of louvres under your contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, requesting that before requiring you to joint the copper work I lay your views before the Department and ask its ruling, I have to inform you that I did as you requested and on this day in receipt of the enclosed tracing showing the arrangement of copper work at the bottom of skylight louvres as required by the Supervising Architect, and I forward the same to you for your guidance in performing the work.

Respectfully yours,

Superintendent

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., April 6th, 1901.

Mr. W. H. Morton,

3767 Osceola Street,

Denver, Colorado.

Sir:-

The Government is considering the question of putting down an artesian well on the site of the U.S. Mint building, in this city, under my charge, and as your name has been given me as a well borer and as I have been instructed by the Department to obtain data relative to the cost of an artesian well, I would be pleased to have you call at my office, corner of Colfax Avenue and Evans Street, as early as convenient for the purpose of an interview on this subject.

Respectfully yours,

John B. ...
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., April 8th, 1901.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

In compliance with instructions in Office letter (initial S.) of July 19th, 1899, I have to report that the progress of work to date under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, is substantially the same as reported to you on the 31st ultimo, since which time the only work performed has been the placing of some T-irons on the roof construction.

The contractors state that they will begin placing the brick tile for the roof covering to-morrow. The top member of the cornice on the south wall, the construction of chimney "A" above roof line, and the stonework of the main entrance steps and west area are yet to be placed, for which the weather is now favorable; but this work is being delayed in order to place the iron work, although it is possible to put said work in place, pro-

Office of

Superintendent of

U. S.

vided the contractor employes an additional force of workmen for the same, which should be done.

So far this month, one granite cutter has worked seven days; one stonemason, one half day; one painter, four and one half days, and twelve laborers, six and one half days.

The weather has been favorable for building construction (masonry work, etc.,) on five and three fourth days, so far this month.

Respectfully yours,

Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., April 10th, 1901.

Mr. J. A. McIntyre,
402 Cooper Building,
Denver, Colorado.

Sir:-

I am in receipt of your letter of the 9th instant informing me of your readiness to perform the copper work around skylight turret of the U.S. Mint building in this city, under your contract, in accordance with the sketch forwarded to you with my letter of the 5th instant.

Respectfully yours,


Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., April 10th, 1901.

Mr. J. A. McIntyre,

402 Cooper Building,

Denver, Colorado.

Sir:-

I am in receipt of your letter of the 8th instant, supplementary to your proposal of the 28th ultimo, for additional copper work carrying the flashing of the deck roof to additional height under the copper work of the skylight turret of the U.S. Mint building, in this city, under your contract, in accordance with sketch forwarded to you on the 8th instant.

I have forwarded your proposal for said additional work (in amount, \$35.00) to the Supervising Architect for his consideration.

Respectfully yours,

Superintendent.

Office of
Superintendent of Construction,

U. S. Mint (New),

Denver, Colo., April 10th, 1901.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I forward herewith proposal, in amount, \$35., from Mr. J. A. McIntyre, contractor for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, for the additional copper work required to carry the deck roof covering under copper work of skylight turret to the height shown by the sketch forwarded to me with your letter of the 2nd instant. A copy of my letter of the 5th instant, forwarding the sketch to the contractor and referring to the amount of his proposal, which he had handed me a few days previously, and a copy of the contractor's letter of the 8th instant, in reply thereto, are also forwarded to you herewith.

After due consideration of the value of copper, together with all conditions connected with this additional work, I consider the proposal reasonable and recommend its acceptance. The additional copper work, being an extension of the deck roof covering, is to be 12 ounce hot rolled copper, instead of cold rolled, as referred to by the contractor in his proposal.

Respectfully yours,

Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),
Denver, Colo., April 11th, 1901.

Mr. J. K. Taylor,
Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

Referring to your letter of the 2nd instant, directing me to prepare an estimate and specification for a well or wells to supply water for use in the U.S. Mint building, in this city. I have to report that I have made considerable inquiry and investigation regarding the matter, but as I am unable to determine what quantity of water will be consumed, per day, in the building when the boilers, machinery, &c., are in operation, and unable to decide what plant will be most suitable, I forward to you a report, more or less in detail, concerning the expense, &c., of different plants which may enable you to determine the most satisfactory course to pursue and to prepare the necessary specification for the work.

Many of the factories, hotels and larger buildings in this city use artesian water from private wells on their premises. I find that the business men are prompted to sink artesian wells

Mr. J. K. Taylor

as a matter of economy (the city water company's rates being very high), and, also, because the artesian water is nearly pure and therefore more suitable for drinking purposes and for use in boilers and piping. The water from the city mains, containing more solids, is more injurious to health, and when used in boilers it produces more scales than the artesian water. The scales cause damage to the boilers by burning and cause a waste of fuel and in addition cause more or less clogging of hot water pipes throughout the building; whereas, by the use of artesian water, the boilers scale but little. While the water from the city mains is generally clear, and is, I believe, superior to the water in most cities, it is occasionally quite dirty owing to rain or snow storms.

Having conferred with several practical well drillers and with several owners of artesian wells in or near this locality, I have to report that in case an artesian well is put down it will be necessary to drill to a depth of from 650 to 700 feet (some drillers advise 2,000 feet, but I see no reason for or advantage in going to that depth), the cost of which would be \$2. per lineal foot for drilling, and standard, screw-joint wrought iron pipe must be used for casing. An outer casing, 8 inches in diameter, must be put down from the surface to bed rock, approximately, forty feet, at a cost of \$1.50 per lineal foot. Inside of this about 260 lineal feet of 6-5/8 inch pipe, at a cost of \$1. per lineal foot, must be

Mr. J. K. Taylor-11-1-3

placed; then throughout the entire depth of the well (from grade line to bottom) use 5-3/8 inch pipe at 65 cents per lineal foot. The approximate cost of the artesian well, say 700 feet, would be \$2,200. to which amount must be added \$800. for a deep well pump (to raise the water from a depth of two hundred feet below grade and force it into a tank in the attic for distribution and use), making a total of \$3,000. To this must be added \$150. for the tank in the attic, making a total of \$3,150. for the well, etc., complete. As the artesian water is reasonably pure, no purifying apparatus will be necessary, although it is claimed that advantages would be gained by its use. The well must be located outside the building in order to permit the withdrawing of the pump rods and well casing, which sometimes becomes necessary and to repair the rods or valves as there is more or less friction of the pump rods against the casing, and it becomes necessary after a few years to withdraw and renew the casing. In wells where the drilling has not furnished a straight hole, the rods wear the casing through in a few years, so that casing must be renewed after from three to ten years and other repairs to pump, etc., are sometimes frequent. As the well must be placed outside the building, some additional expense will be incurred altering the walls of the present building to connect the pump with the well, or, if a pump room is constructed over the well and outside the building, the expense for the room and

Mr. J. K. Taylor

connecting the same with the engine room in the basement will cause an additional expense of probably \$1,000, or more, according to the size and construction of the pump room.

I am told that when artesian wells were first drilled in this locality, about twenty years ago, the water flowed above grade and in some cases discharged from natural pressure into the tanks in the upper part of the buildings, but as other artesian wells were sunk, the flow ceased and the water level in the wells lowered so that now in no wells in the city does the water rise higher than within 40 feet of grade line, and it is necessary to use deep well pumps with the cylinder located 150 to 200 feet below grade line. This fact does not seem to discourage artesian well drilling among private parties, as they continue to sink new wells, one having been drilled across the alley from the Post Office building within the past few months.

If two surface wells are provided at this building with purifying tanks, the expense of the wells, each 10 feet in diameter, having a depth of thirty-four feet below the surface of the lot (with the bottom at elevation 24 feet above city datum), which will probably provide a depth of 12 feet of water (the water level here was found to be at about elevation 36 feet above city datum in August, 1897, when the test pits were made and in the summer of 1898 when we were excavating for column foundations, both of which periods

Mr. J. K. Taylor

were during the dry season), will be about \$1,000. including the excavation and walling of brick, which can be vaulted and finished at the grade line with stone caps and iron covers. To this must be added the cost of a suction and force pump, approximating \$500. and the expense of a purifying plant, which, if placed inside the building, will involve an additional expense of \$500. and \$150 for a tank in the attic, making a total cost of \$2,150., exclusive of the cost of cutting and altering the walls of the present building for connecting the pump with the wells. The purifying apparatus will require space for two tanks, each 8 feet in diameter and 12 feet high, and the pump must be of such capacity as to fill either purifying tank in one hour and also to empty the said tank (after purifying) into the distributing tank, in the attic, in one hour; that is to have a capacity of say 5,000 gallons per hour. Then by alternately filling and emptying the two purifying tanks, the water will be permitted to remain in each of said tanks two hours. The representative, in this city, of the Tweeddale water purifying apparatus (a copy of whose circular-pamphlet I enclose herewith) guarantees the purifier to separate and settle all solids, acids and other impurities from the water in a tank, of the size mentioned, in one and a half hours.

If the purifying tanks are to be placed outside the building, it will be necessary to construct a tank room, which would be more

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conveniently located directly over the wells. In my opinion the most suitable location for the wells, either artesian or surface, would be a few feet north of the present coal vault wall and a few feet east of the present area wall at the Evans Street side of the building, so as not to disturb the present wall foundations, if large wells and tank room are constructed, the wells, 10 feet in diameter, to be entirely beneath the floor of the tank room. The pump and tank room should be about 14' x 24' and 14' in height from floor to ceiling, having steel floor beams with brick arches and cement floors with cast iron covers for the well holes, finished at an elevation of 40 feet above city datum, and the ceiling at an elevation of 54 feet above city datum, constructed of steel ceiling beams, brick arches and concrete with a covering of sheet lead, leaving about 2'-6" above the arches for soil and sodding to grade line of the lot, and providing one or two turrets, extending from ceiling to grade line, covered with illuminating tiles, to light the tank room. A passage-way to be provided, with suitable steps leading from the engine room and passing beneath the area floor down to the tank room, the said cost of the tank room, including passage-way, will be about \$5,000. To this must be added the cost of the pump \$500., the purifying tanks and apparatus \$500., the cost of the two wells 10 feet in diameter, extending 16 feet below tank room floor, about \$700. and a tank in the attic to cost about \$150., making

Mr. J. K. Taylor - 122227

a total cost of \$4,850.

The tanks in each case should be wood, the one in the attic of cedar in order to have no injurious effect upon the water after purifying. The expense of operating the purifying apparatus after placing the plant is stated to be about three cents per thousand gallons for such water as would be secured at this site, which would be approximately the same expense as to treat the city water in order to make the same satisfactory. If the water purifiers produce the effect claimed for them, the water after treatment is soft and pure, free from all acids, suitable for any purpose whatever, and superior to the artesian water, increasing the durability of boilers and effecting a saving in the use of fuel.

I have no means of determining the quantity of water required per day for use in the building, but if three 100 horse power boilers are used, I assume that 10,000 gallons per day will be amply sufficient for their use (and much less if condensers are used), and likely an equal quantity for about one hundred plumbing fixtures, laboratories, etc., in the building will be sufficient. I am of the opinion, judging from experience had with the quantity of water at the foundations of the building, that the two surface wells, of the size mentioned, will answer, but other additional wells could be provided, if needed, the facts concerning which can only be ascertained upon investigation and test of each well's capacity when

Mr. J. K. Taylor

being dug.

If a tank of 7,000 gallons capacity is placed in the attic, and two purifying tanks of 4,500 gallons each be placed in the tank room and the pump with a capacity of 5,000 gallons per hour for filling the purifying tanks and forcing the water from the said tanks to the tank in the attic, it will be possible to furnish 25,000 gallons of purified water daily for distribution from the attic tank, which quantity it seems should be amply sufficient for the service. A greater quantity can be furnished by providing another tank in the attic and operating the pump more than eight hours per day.

The comparison may be shown by a summary statement as follows:

- (a) Cost of artesian well, tank in the attic and a pump located in present building ----- \$ 3,150.00
- (b) Cost of artesian well with outside pump house and pump with attic tank ----- \$ 4,150.00
- (c) Cost of surface wells and pump, with attic tank, placing purifying tanks, etc., outside the building ----- \$ 2,150.00
- (d) Cost of surface wells, including cost of attic tank and outside tank room, purifying apparatus &c., and pump \$ 4,550.00
- (e) The cost of the purifying apparatus for using city water (including the attic tank) if all are placed inside the building, will be \$650.00, or if tank room, &c., for same are constructed outside the building, the expense for tank room and purifying plant will be \$3,650.00, aside from the fee to be paid the water company, which charge will likely range from \$1,500. to \$2,000. annually, (judging from the fact that \$750. water tax is paid annually for water at the Post Office building here).

Mr. J. K. Taylor-----

Before deciding upon the use of any system, using the purifying apparatus, I think it will be advisable to have the Tweeddale purifying plants now in operation at Black Hawk and Pueblo (both in this state), examined, to determine the merits of the apparatus, and to decide whether it is advisable to incur any expense in contemplation of their use.

The artesian well appears to be the most economical, but considerable expense will be incurred for repairs to the pump and renewing well casings. In the event an artesian well is put down, it will still be necessary to make connection with the city mains, as it will be necessary, in case of repairs to the deep well pump, etc., to call upon the city to furnish water for the building to avoid shutting down the machinery. The manager for the city water company informs me that his company is frequently called upon to supply water to owners of artesian wells in cases of emergency, in which cases he says they make the well owners pay heavily for the privilege of taking water on such special occasions.

In my opinion, the use of surface wells, if the purifying apparatus is found to be as satisfactory, as claimed, and sufficient water is obtained (which I do not doubt), while more expensive than the artesian well if a tank room is constructed outside the building, will furnish the best quality of water and at less expense than from the city water supply. The water company might be called upon

Mr. J. K. Taylor - 10.

to supply water in cases of emergency, or to furnish part of the water regularly, and by the use of a meter the charges could easily be adjusted to secure a net saving to the Government, and by the use of the purifying plant provide the best water for use in the building.

Trusting this information is what you desired, I am

Respectfully yours,

Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., April 12th, 1901.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I am in receipt of your letter (initial J.C.P.) of the 9th instant, relative to the length of the flag staff to be put in place under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, and advising me that a proposal from the contractor making a suitable deduction for the reduced length of the flag staff (36 feet, instead of 38 feet) will be considered.

In reply I have to inform you that I have called upon the contractor for such a proposal.

Respectfully yours,

Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., April 12th, 1901.

Mr. J. A. McIntyre,

402 Cooper Building, N. E.

Denver, Colorado.

Sir:-

Referring to the matter of flag pole for the U.S. Mint building, in this city, under your contract, the length of which should be 38 feet, whereas a stick 36 feet in length has been delivered, the Department informs me that a proposal from you making a deduction for the difference in length of the flag staff will be considered.

I will therefore thank you to forward me a proposal making a reasonable deduction from the amount to be paid you under your contract for permission to use the flag pole furnished.

Respectfully yours,

Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., April 15th, 1901.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

Complying with instructions in Department circular (initial S.) of December 31st, 1897, I have to report that the progress of work to date under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, consists in the completion of the exterior walls, with the exception of about one third of the top member of the cornice; completion of the chimneys, except one; completion of nearly all the iron construction (two hips, a few rafters and half the T-iron purlins remain to be placed); the east area and coal vault, complete; skylight framing and one half the copper work of the skylight turret in place; the brick and terra cotta arches of the first and mezzanine floors and a portion of the terra cotta arches of the second floor; the placing of about one fourth of the hook tile on the north slope

of the roof; the down pipes and basement drain pipes in place, complete, and storm and sanitary sewers are in place from lot line to city sewers in Colfax Avenue.

Only three pieces of the granite cornice have been set thus far during the current month. About thirty pieces for the south cornice of the building remain to be set, all of which, except four, are here ready to be put in place. The four pieces to be furnished from Maine, as substitutes for the four defective blocks, have not yet been supplied.

It will hardly be possible for the contractor to finish all work under his contract prior to June 15th, next, and it is more than probable, judging from unfavorable weather and the little progress made during good weather, that the same will not be completed by July first, next. I continually urge upon the contractor's foreman the necessity of increasing the force of workmen that the stone work may be set and the iron work placed without interruption, but my efforts have not been very successful.

So far this month, one granite cutter has worked ten days; one bricklayer, one day; two painters, three and three fourth days; five iron workers, eight and one fourth days; one stonemason, one half day, and fourteen laborers, nine and one fourth days.

The weather has been favorable for building construction (masonry work &c.), on six and three fourth days so far this month.

Respectfully yours,

Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., April 18th, 1901.

Mr. J. H. Taylor,

Supervising Architect, Treasury Department,
Washington, D. C.

Sir:-

Complying with directions in your letter (initial J. C. P.) of the 9th instant, I requested Mr. J. A. McIntyre, contractor for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, to submit a proposal stating the amount he would deduct, from the sum to be paid him under his contract, if permitted to use a thirty-six foot long flag pole in lieu of one thirty-eight feet long as specified for use on this building, and, in accordance with my request, the contractor makes the enclosed proposal to deduct Four Dollars (\$4).

In view of the fact that a thirty-six foot long flag pole will permit the use of a flag sixteen feet in length, which flag may be lowered at half mast when occasion requires it and yet wave clear of the skylight and roof, I am of the opinion that the thirty-six foot pole will be amply long, and as the enclosed proposal is reason-

able, I recommend its acceptance. The difference of two feet of material is \$1.50 and the labor, finishing the same amounts to about \$2.50.

Respectfully yours,

Lee S. Allen
Superintendent.

Office of
Superintendent of Construction,

U. S. Mint (New),

Denver, Colo., April 28th, 1901.

Mr. J. A. McIntyre,

402 Cooper Building,

Denver, Colorado.

Sir:-

I am in receipt of your letter of the 17th instant, making a proposal, in amount, Four Dollars (\$4), as a deduction for permission to use a thirty-six foot long flag pole instead of one thirty-eight feet long, as called for under your contract, which proposal has been forwarded to the Supervising Architect for his consideration.

Respectfully yours,

Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

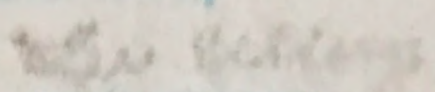
Denver, Colo., April 18th, 1901.

Mr. J. H. Taylor,
Supervising Architect, Treasury Department,
Washington, D.C.

Sir:

I have to request that a new flag, the national
ensign, size 5'-3" X 10'-0", be forwarded for use over the
temporary office at the U.S. Mint building, in this city, un-
der my charge.

Respectfully yours,


Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),
Denver, Colo., April 19th, 1901.

Mr. J. E. Taylor,
Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I am in receipt of your letter (initial F.) of the 16th instant, forwarding copies of letters from the Acting Custodian of the U.S. Post Office building, in this city, relative to repairs to the roof, painting of exterior wood work and the placing of storm doors, and note your instructions regarding the preparation of a specification for the same and report concerning the patching of roof, as directed in your letter of March 24th, 1900, to the Custodian, all of which instructions will be complied with.

Respectfully yours,

Wm. H. Bell
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),
Denver, Colo., April 19th, 1901.

Mr. J. K. Taylor,
Supervising Architect, Treasury Department,
Washington, D. C.

Sir:-

I am in receipt of your letter (initial J. C. P.) of the 16th instant enclosing copy of Department letter of same date, addressed to Mr. J. A. McIntyre, contractor for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, accepting his proposal, in amount Thirty-five Dollars (\$35), for additional copper work around skylight turret of said building, and note the authorization and instructions relative to issuing vouchers in payment therefor, which instructions will be followed.

Respectfully yours,

John C. P.
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., April 20th, 1901.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I am in receipt of your letter (initial S.) of the 17th instant relative to test of the terra cotta floor arches in the U.S. Mint building, in this city, under my charge, and directing that I forward to your Office pieces of the terra cotta on which efflorescence appears in order that it may be determined whether the same is in accordance with the approved sample.

Complying with said instructions, I forward to you this day, by United States Express Company, a package containing two pieces, one marked "Sample A", which is a portion of a rib from a terra cotta arch from which the soffit was broken by freezing, and the other, marked "Sample B", is a soffit upon which efflorescence was most conspicuous among the blocks in place in the arches. A portion of the efflorescence was unavoidably removed in taking the block from the arch, although the worst corner is a fair rep-

representation of the most serious case of efflorescence on the arches and which is to be seen on soffits of occasional blocks scattered throughout the arches. The arches from which these blocks were taken were placed about a year ago and exposed to snow storms and freezing, the smaller piece being from an arch that was more exposed than the other and from which icicles about two feet long formed by freezing after the arches had become saturated from melted snow. Only a few blocks of the arches approach the condition shown by this piece. Generally, blocks in arches which were most exposed to the weather show most efflorescence and crumbled soffits.

Possibly some blocks were underburned, but all were as carefully inspected as possible at the time of setting, and I am confident that if the arches had not been exposed to the weather all of the same would have fulfilled every requirement of the specification and contract.

The terra cotta arches were put in place against my recommendation and the contractor fully understood that the responsibility for satisfactory work rested entirely with him at the time he ordered the terra cotta work to proceed. I shall test the arches thoroughly and permit none to remain, the strength and condition of which are not satisfactory and suitable to carry the load and receive the plastering.

Respectfully yours,

Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),
Denver, Colo., April 22nd, 1901.

Mr. J. M. Taylor,
Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

As the present contract for work on the U.S. Mint building, in this city, under my charge, is nearing completion, I suggest that the matter of appointing additional watchmen be taken up and considered at this time, and, as Mr. Benjamin Tut-hill, of No. 3 South 12th Street, this city, was dropped from the position of watchman on June 8th, 1900, and is, I presume, eligible for re-appointment at any time prior to June 8th, 1901. I recommend that he be re-appointed, and in case a third watchman is appointed, I recommend that Mr. Robert S. Mackmore, of No. 808 South Lincoln Avenue, of this city, be selected, as I understand that he has taken the civil service examination and is eligible for appointment.

Respectfully yours,

Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., April 23rd, 1901.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

Complying with instructions in Office letter (initial S.) of July 19th, 1899, I have to report that the progress of work made under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, since my report on the 15th instant, consists in the completion of the book tile on the north slope of the roof; finishing the iron work (except on the south slope of the roof and at hips adjoining same); the setting of half the top member of the cornice on the south side of the building (half said member on the south side still remains to be set), and the setting of a portion of the terra-cotta arches of the second floor.

So far this month, one granite cutter has worked fifteen and three fourth days; two bricklayers, four and one

half days; one stonemason, four days; two painters, nine days;
two coppersmiths, three days; five iron workers, fifteen and
one fourth days, and fifteen laborers, sixteen and one fourth
days.

The weather has been favorable for building construc-
tion (masonry work, &c.), on twelve and one fourth days thus
far this month.

Respectfully yours,

Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., April 27th, 1901.
three iron bars, fifteen
and fifteen layers, sixteen and one fourth

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D. C. and one fourth days thus

Sir:-

I am in receipt of your letter (initial G. W. D.)
of the 24th instant, enclosing copy of Department letter of
even date addressed to Mr. J. A. McIntyre, contractor for the
Foundation, Superstructure and Roof-covering of the U. S. Mint
building, in this city, accepting his proposal to deduct Four
Dollars (\$4) from the amount to be paid him under his con-
tract if permitted to use a flag pole 36 feet long in lieu
of one 38 feet long, as specified. Payments will be made
for the work under contract making proper deduction, as au-
thorized.

Respectfully yours,

Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., April 27th, 1901.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I am in receipt of your letter (initial S.) of the 24th instant relative to the request of the Standard Granite Company for permission to use stones Nos. 16, 56 and 76 for the top member of the cornice under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city.

Your blocks of the Main granite are yet required to finish the work, as substitutes for defective blocks. Two of the defective blocks were referred to in Superintendent Robert's report; one having a black knot showing on the face, was No. 91, and one having a crack lengthwise on the top was No. 62. Two additional pieces were afterward found to be defective beyond remedy, namely, Nos. 16 and 76. Several other stones were found defective, but, by re-cutting the faces; by jointing off the patched ends and permitting joints to come off the centers of the modillions; and by allowing patches beneath

where not visible and where properly supported, these were permitted to be used.

Stone No. 56, mentioned in your letter, had a patch on the front and bottom edge of the fascia. The patch could not be considered as having a proper support beneath, and, furthermore, being upon the bottom of the fascia and extending beyond the front of the modillion (and not hidden by the modillion, as the Granite Company states), it was plainly visible. The patch extended 2-1/4" from the joint and I permitted the use of the stone by jointing off 2-1/4" (to the line of the patch), which makes the joint line between No. 56 and the adjoining stone 2-1/4" off the center of the modillion. Said stone No. 56 is now in place on the rear or alley side of the building and the variation of jointing is not objectionable. The Granite Company is in error as regards its rejection. There are four cases in which I have permitted jointing off the patched end of stones, the adjoining stones to be of additional length making the joints slightly off the center of the modillions, as stated to you in my letter of February 10th, last.

Stone No. 16, mentioned in your letter, is badly cracked on the bottom (nearly half in two) and the matter was referred to you in my letter of February 21st, last, in which letter I forwarded a sketch indicating the break and informed you that I was unwilling to accept the stone, as it was not sound and I referred the matter to you at the

Mr. J. K. Taylor

request of the Granite Company's representative. I received no reply to my letter, and, being unwilling to accept the stone, I insisted upon its rejection as stated to you in my letter of March 18th, last. I did not at that time and do not now consider it proper to use this stone, as its strength and durability are in doubt, and the contract calls for sound stone.

Stone No. 76, referred to, has a portion of the nosing at the top broken off and its use could not be permitted, and set to proper lines, without inserting a patch extending 4 inches from the joint and nearly 4 inches in height, the upper 1" of which would be covered by the copper which covers the top of the cornice outside the line of the roof gutter. This patch would have an exposed face below the copper (and not covered by it as the Granite Company states) about 4 inches by 3 inches, plainly visible and the stone would be set on the rear or alley side of the building about fifteen feet from the Evans Street end and noticeable from the street. It would, as you say, be easy to dovetail or dovetail the stone in place to prevent its easy removal, but it would still be open to the objection of being exposed to view, and if this stone is used with an exposed patch, it will, I am sure, lead to additional trouble in settlement with Mr. McIntyre, as we have on several occasions rejected stones which were broken and have required their being cut down for use elsewhere, whereas, the latter would not have been necessary if visible patching had been permitted. Where patches are not visible and securely held in place, I did not think them

Mr. J. K. Taylor-----

objectionable in granite in any portion of the building, as stated to you in my letter of September 7, 1900.

I have therefore to state that the four stones referred to in my report of the 15th of March, last, constitute the whole number yet required for the completion of the top member of the cornice, two of which are to be substituted for stones mentioned in Mr. Robert's report (and which he recommended be rejected), and stone No. 16, mentioned in my letter of February 21st, last, and No. 76 with the broken nosing which cannot be used except by permitting a visible patch upon its face.

I enclose herewith two newspaper clippings relative to the quality and finish of the granite supplied by the Standard Granite Co., for use in this building, which may be of interest to you, and have to state that the subject matter was given to the newspaper reporter by Mr. McIntyre, as I was informed by one of his workmen at the stone yard. Stone No. 16 is shown in one of the cuts as cracked but accepted, the statement having been given to the reporter by Mr. McIntyre after my letter of the 21st of February asking for your decision. The other stone, No. 60, shows a patch on the soffit at the rear of the panel, although the patch had not been finished at the time of taking the photograph and was quite conspicuous. I will say in this connection that four stones with patches similar to this were permitted to be used under the provision of your letter which permitted patching if properly supported and not visible. The patches extended four inches back of the joint line into the wall and are on the bottom of the stone, the

Mr. J. K. Taylor

projecting portion is not visible now that the stone has been set, except to persons who know their location, and I am satisfied that, after cleaning and pointing the stone work, the patches will not be visible. The red lines shown on the cut indicate the portion of the patch which extends beyond the line of the modillion and egg and dart course beneath. Several drill holes were found on exposed soffits along the panels which we permitted the contractor to fill with cement as stated to you in my letter of February 23rd, last.

While it is true that four pieces of the granite supplied by the Standard Granite Company have been rejected, I am sure that any company having made a contract to furnish first class granite, free from patches and other defects, finished fine six cut work, yet having actually supplied and asked the acceptance of badly cut, badly patched, badly broken and somewhat inferior granite, and having received the most lenient treatment in the matter of patching, re-cutting, variation of jointing to suit short stories after patches were removed, filling with cement exposed drill holes, etc., would, if they have any sense of appreciation, gladly and cheerfully furnish the four additional stones without complaint. I am satisfied that in the interest of the Government and in accordance with the terms of the contract, no further leniency should be allowed them, and I shall not and will not, without instructions from you, accept either of the two pieces of stone mentioned as defective in Mr. Robert's report, or No. 16, which is broken half in two, or No. 26 which will require a visible patch. The said Granite Company

Mr. K. Taylor

Foreman left here about six weeks ago, having full knowledge of the facts concerning the four additional blocks to be supplied, which the company should have furnished prior to this time instead of making complaint now and causing delay. Work on the building is now awaiting the receipt of the four stones referred to.

Trusting that, with these statements at hand, you will fully understand the situation concerning the rejected granite, I am

Respectfully yours,

Superintendent.

Office of
Superintendent of Construction,

U. S. Mint (New),

Denver, Colo., April 29th, 1901.

Supervising Architect,

Treasury, Washington, D.C.

Catholic Cathedral here torn down. Not yet re-built. Don't know Rocky Mountain plaster. Architect Edbrooke here doesn't know it. Recommends Rock Wall plaster. It is Buckhorn Rock Wall plaster. Used it in this office and on post office partitions here last year. Probably it is meant. Can recommend it.

Ullery, Supt. Mint

Official business,
Gov't Rates, Collect.

TELEGRAM

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., April 30th, 1901.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

Complying with instructions in Department circular (initial S.) of December 31st, 1897, I have to report that the work under Mr. J. A. McIntyre's contract, for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, is completed except the placing of five blocks of granite of the top member of the cornice; the stone work of two chimneys, entrance steps and area on South Thirteenth Street side of the building; the glass and wire screens of skylight; the terra cotta arches of roof deck, attic floor, most of second floor and substitution of new arches for those defective in first and mezzanine floors; the terra cotta partitions in attic, second story and most of those in the first story; the book tile on the south slope of the roof; the copper work of main gutter and deck roof covering; the Spanish tile work of roof and a small portion of the drain pipes in basement.

While it is possible that the remainder of the work may be completed early in June, I do not think it probable, but believe, however, that it will be completed by July 1st.

During the month, one granite cutter has worked twenty-one and one fourth days; one stonemason, six days; two bricklayers, ten and one half days; two painters, fifteen days; two copper smiths, eight days; five ironworkers, twenty-two days, and sixteen laborers, twenty-two and one fourth days.

During the month the weather has been favorable for building construction (masonry work, etc.), on eighteen and one fourth days.

Amount of voucher issued to contractor during the month --

~~the sum of~~ \$ 7,370.01

Amount of vouchers previously issued on account of contracts

~~the sum of~~ \$196,907.87

\$204,277.88

Respectfully yours,

Wm. S. Smith
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., May 1st, 1901.

Mr. J. A. McIntyre,

402 Cooper Building,

Denver, Colorado.

Sir:-

I am in receipt of your letter of the 30th ultimo enclosing copy of letter addressed to Mr. C. J. Hall, President of the Standard Granite Company, relative to the delay in forwarding the remaining blocks of granite for use under your contract for the U. S. Mint building, in this city, and in reply I have to inform you that the copy of said letter has been forwarded to the Supervising Architect for his consideration. I have informed the Architect that it appears the Standard Granite Company's action was taken without your advice or consent.

Respectfully yours,

Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., May 1st, 1901.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

Referring to your telegram of the 30th ultimo, relative to rejection of stone supplied by the Standard Granite Company of Maine for use under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, I forward you herewith copy of letter of same date which Mr. McIntyre's business manager informs me he has forwarded to said granite company demanding the immediate shipment of the four blocks required, and I have to state that I am satisfied that the Standard Granite Company's action, in requesting permission to use the defective stone, was taken without the consent of the contractor who I believe expected them to forward the additional stone prior to this date.

Respectfully yours,

Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),
Denver, Colo., May 1st, 1901.

Mr. J. A. McIntyre,
402 Cooper Building,
Denver, Colorado.

Sir:-

Referring to the matter of testing the terra cotta floor arches under your contract for the Foundation, Superstructure and Roof-covering of the U.S. Mint building, in this city, or more especially those put in place about one year ago and seriously damaged by the weather, I have to advise you that it is deemed proper to prepare the platform, etc., in accordance with Miscellaneous Drawing No. 20, forwarded to you on October 8th, 1900, and make the test of the arches referred to as early as possible in order that, if any are defective, new material may be supplied so as to avoid additional delay in the completion of the terra cotta work under your contract.

I have also to call your attention to the requirement of paragraph 1, page "D", of the specification that sketches showing fire-proofing of girders must be prepared and approved before the fire-proofing is performed, and, as it appears that no such sketches

have been approved, it would seem advisable to take up this matter at once in order that the method may be approved in proper time to enable you to complete said work.

Respectfully yours,

Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),
Denver, Colo., May 4th, 1901.

Mr. J. K. Taylor,
Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

In compliance with instructions in your letter (initial F.) of the 16th ultimo, forwarding copies of two letters of the 12th ultimo from Mr. E. P. Valentine, Acting Custodian of the U. S. Court House and Post Office building, in this city, relative to repairs to said building. I have to report that I have conferred with the Custodian on several occasions, made necessary examination of the building and prepared sketches and specification for storm doors and repairs for the same. A copy of the specification and sketches are herewith forwarded to you, the specification being endorsed by the Acting Custodian to show that all necessary repairs to the building have been included, except the matter of providing additional space in the post office working room which he intends to bring to your attention at a later date.

Referring to the matter of repairs to the roof, and the suggestions made to the Custodian in your letter of March 24th, 1900, I

have to state that it is my belief that the method suggested will be satisfactory under ordinary circumstances if the janitor can be required to give the matter his attention, which appears not to be the case at the building referred to; and, while the patching by the method suggested stops leaks for a few months, the trouble has arisen because of neglect on the part of the janitor to renew the application. There are a number of very bad breaks in the corner of the roof covering which I consider advisable to repair by patching and soldering, and I have therefore included the repairs to the roof in my specification together with a guarantee to keep the roof water tight for one year. At the expiration of said time I believe the remedy suggested by you will be satisfactory for some time, if applied and occasionally renewed.

I suggest that after the enclosed specification and sketches have been revised to meet your approval, the same should be returned to the Custodian about August first to enable him to obtain and forward bids to you about September first, next, which will permit the placing of the storm doors and the completion of the other work specified before bad weather sets in. The matter of repairs to the roof will, in the meantime, likely be taken care of by the Custodian as he intends renewing the application suggested by you and giving the matter his attention until the work embraced in the specification can be put under contract.

Trusting that this matter is satisfactory, I am

Respectfully yours,

Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),
Denver, Colo., May 6th, 1901.

Captain C.F. Shoemaker,
Chief of Division, Revenue Cutter Service,
Treasury Department, Washington, D.C.

Sir:-

I have to acknowledge the receipt of one National Ensign,
6-1/4 x 10 feet, for use on the temporary office at the U.S. Mint
building, in this city, under my charge, as per your letter (initial
A.H.W.) of the 2nd instant.

Respectfully yours,

Wm. B. ...
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),
Denver, Colo., May 7th, 1901.

Mr. J. A. McIntyre,
404 Cooper Building,
Denver, Colorado.

Sir:-

I am in receipt of your letter of this date enclosing sketches showing method of fireproofing the steel girders under your contract for the Foundation, Superstructure and Roof-covering of the U.S. Mint building, in this city, which sketches have been forwarded to the Supervising Architect for his consideration and approval.

Respectfully yours,

Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., May 7th, 1901.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D.C.

Sir:-

I forward you herewith a letter of this date from Mr. J. A. McIntyre, contractor for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, together with sketches submitted by him showing method of fireproofing the steel girders under his contract, which sketches are submitted in accordance with paragraph 2, page "D", of the specification for the work and are forwarded to you for your consideration and approval. If satisfactory, I will thank you to return copies of the same for my guidance during construction of the work.

Respectfully yours,

Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),
Denver, Colo., May 6th, 1901.

Mr. J. K. Taylor,

Supervising Architect, Treasury Department,
Washington, D. C.

Sirs:-

Complying with instructions in Office letter (initial S.) of July 19th, 1899, I have to report that the progress of work to date under Mr. J. A. McIntyre's contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, is substantially the same as reported to you on the 30th ultimo, since which time chimney "A" has been completed above roof line; the iron work of the roof has been completed, and a portion of the copper work of the main gutters and the foundation for the steps of main entrance have been placed.

So far this month, one stonemason has worked three days; two bricklayers, three days; one granite cutter, six and three fourth days; three coppersmiths, six and two fourth days; four painters, five days; six iron workers, six and three fourth days and twelve laborers, six and three fourth days.

The weather has been favorable for building construction (masonry work, &c.) on six and three fourth days thus far this month.

Respectfully yours,

Superintendent

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., May 8th, 1901.

Mr. F.H. Brandenburg,

Local Forecast Official and Section Director,
U.S. Weather Bureau, Denver, Colorado.

Sir:-

I will thank you to furnish me with a statement showing the minimum temperature each day (of 24 hours) from October 13th to November 1st, 1900, which data is desired in the interest of the Government.

Respectfully yours,

Superintendent.

Office of
Superintendent of Construction,

U. S. Mint (New),
Denver, Colo., May 9th, 1901.

Mr. F. R. Brandenburg,

Local Forecast Official & Section Director,

U. S. Weather Bureau, Denver, Colorado.

Dear Sir:-

I am in receipt of your letter of the 9th instant informing me of the temperature of the weather from October 13th to November 1st, 1900, for which please accept my thanks.

Respectfully yours,

W. H. Miller
Superintendent.

Office of
Superintendent of Construction,
U. S. Mint (New),

Denver, Colo., May 13th, 1901.

Mr. J. A. McIntyre,

402 Cooper Building,

Denver, Colorado.

Sir:-

Referring to the matter of concrete and cement covering over the coal vault included in your contract for the Foundation, Superstructure and Roof-covering of the U. S. Mint building, in this city, I have to call your attention to the condition of the same which is defective and will require remedying, and I have to request that you will proceed to make the same good at your earliest convenience.

Respectfully yours

Superintendent.

③ Mack 31-1900 = Mack 15-1900